3. Breastfeeding Inventory Management

Breastfeeding Inventory Management allows the user to order breastfeeding items, consign breastpumps and breastfeeding supplies to clinics and print reports related to breastfeeding inventory.

3.1 Manage Inventory

The Manage Inventory dialog allows the user to review breastfeeding items in inventory. The user can filter the results list by keying a product description or an ID. This dialog is invoked when the user selects the Manage Inventory sub-menu item on the Manage Breastfeeding Inventory menu.

Figure 1 – Manage Inventory Dialog

3.1.1 Controls

This section describes the behavior of the controls on the Manage Inventory dialog.

3.1.1.1 Product Description Dropdown List

This control allows the user to select a product from a list of all products to filter the Manage Inventory results display grid entries. All or part of the product description may be entered to locate the inventory. The dropdown list will be enabled when the Manage Inventory dialog is active. The control will initially be blank. It will be loaded with product descriptions concatenated from the Manufacturer, ManufacturerBrand, and ManufacturerBrandType tables plus the descriptions from the ReferenceDictionary for 'INVPDCTSUBCLASSUSE' and 'INVPDCTSUBCLASSTYP' for each product in the Product table. The list will appear in alphabetic order. No entry will be initially selected.

3.1.1.2 ID Text Box

This control allows the user to specify a specific ID used to filter the Manage Inventory results display grid entries. All or part of the ID may be entered to locate the inventory. The text box will be enabled when the Manage Inventory dialog is active. The control will initially be blank.

The results of this filter will return specific inventory items that are tracked individually by unit. For example each breastpump may be recorded as an individual item under the product inventory and tracked. The quantity for each ID is one.

3.1.1.3 Search Button

This control allows the user to apply the filter criteria to select the inventory and inventory items to display in the Manage Inventory results display grid. The Search button will be enabled when the Manage Inventory dialog is active. It has a mnemonic of "S".

3.1.1.4 Clear Button

This control allows the user to reset the Manage Inventory dialog to its default values. All controls on the dialog will be cleared to blank. The Clear button will be enabled when the Manage Inventory dialog is active. It has a mnemonic of "C".

3.1.1.5 Search Results Display Grid

This control allows the user to view the inventory items that match the filter criteria. The grid will consist of the following columns:

- Description (Inventory.Product)
- ID (InventoryItem.SerialNbr)
- Quantity (InventoryConsigned.Quantity or a "1")
- Disposition (InventoryItem.Status)

An entry will be added to the grid for each item in inventory that matches the filter criteria. The entries in the grid will be displayed in ascending order by the Description column. The values on the grid are read-only. The display grid will initially be blank. The user may select a single entry in the grid.

The results of this filter will return inventory quantities available for the product selected along with a count of quantity in stock for the product for inventory that is not tracked. It will display each associated inventory item for the selected product if the inventory is tracked individually by ID such as breastpumps and the quantity for each ID is one.

3.1.1.6 Add Button

This control allows the user to add new breastfeeding products to breastfeeding inventory. It invokes the Add New Inventory dialog. The button is enabled when the Manage Inventory dialog is active. Upon return to the Manage Inventory dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "A".

3.1.1.7 Edit Button

This control allows the user to edit breastfeeding inventory items appearing in the display grid. The Edit button will be enabled when the Manage Inventory dialog is active and an entry is selected in the search results display grid. It will have a mnemonic of "E".

3.1.1.8 Delete Button

This control allows the user to delete breastfeeding inventory items appearing in the display grid. The Delete button will be enabled when the Manage Inventory dialog is active and an entry is selected in the search results display grid. It will have a mnemonic of "D".

3.1.1.9 Consign Button

This control allows the user to consign breastfeeding inventory items appearing in the display grid. The Consign button will be enabled when the Manage Inventory dialog is active and an entry is selected in the search results display grid. It will have a mnemonic of "G".

3.1.1.10 Return to Manufacturer Button

This control allows the user to record that an inventory item was returned to the manufacturer. The Return to Manufacturer button will be enabled when the selected grid item has a disposition of "Consigned" or "Retired from Inventory". It has a mnemonic of "M".

3.1.1.11 Close Button

This control allows the user to exit the Manage Inventory dialog. The Close button will be enabled when the Manage Inventory dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.1.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Manage Inventory dialog.

3.1.2.1 Initializing the Interface

Upon initial display of the Manage Inventory dialog:

- The title bar text will be set to "Manage Inventory"
- The following controls will be initially blank:
    - Product Description text box
    - ID text box
    - Search Results display grid

3.1.2.2 Search Button

Upon selection of the Search button, the system will search for breastfeeding inventory items matching the search criteria. If no entry has been made in either the Product Description or the ID text boxes, the system will list all inventoried breastfeeding items in the results grid.

3.1.2.3 Clear Button

Upon selection of the Clear button, the system will reset the dialog to the original defaults for the controls. All controls will be set to blank.

3.1.2.4 Add Button

Upon selection of the Add button, the system will check the permissions of the currently logged-on user to determine if they have the InventoryManagement.Add or InventoryManagement.FullControl permissions to update breastfeeding inventory data. If the user does not have either the InventoryManagement.Add or the InventoryManagement.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to add new breastfeeding items to inventory. Please see the supervisor."

If the user does have the InventoryManagement.Add or the InventoryManagement.FullControl permissions , the system will invoke the Add New Inventory dialog described in this document.

3.1.2.5 Edit Button

Upon selection of the Edit button, the system will check the permissions of the currently logged-on user to determine if they have the InventoryManagement.Add or InventoryManagement.FullControl permissions to update breastfeeding inventory data. If the user does not have either the InventoryManagement.Add or the InventoryManagement.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to edit breastfeeding inventory items. Please see the supervisor."

If the user does have the InventoryManagement.Add or InventoryManagement.FullControl permissions, the system will invoke either the Inventory Level dialog if the selected item is a non-trackable asset or the Breastfeeding Inventory Item dialog if the selected item is a trackable inventory item. Both dialogs are described later in this document.

3.1.2.6 Delete Button

Upon selection of the Delete button, the system will check the permissions of the currently logged-on user to determine if they have the InventoryManagement.FullControl permissions to update breastfeeding inventory data. If the user does not have either the InventoryManagement.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to delete a breastfeeding inventory item. Please see the supervisor." If the user does have the InventoryManagement.FullControl permissions, the system will invoke a standard delete confirmation message dialog with the text "Are you sure you want to delete {ID} {Product Description}?" The options of 'Yes' and 'No' will be available.

If the user selects the 'Yes' option, the system will delete the selected breastfeeding item from inventory, and return the user to the Manage Inventory dialog. The search results grid will be refreshed.

If the user selects the 'No' option, the system will dismiss the message dialog without deleting and return the user to the Manage Inventory dialog.

3.1.2.7 Consign Button

Upon selection of the Consign button, the system will check the permissions of the currently logged-on user to determine if they have the InventoryManagement.FullControl permissions to consign breastfeeding inventory. If the user does not have InventoryManagement.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to consign breastfeeding inventory. Please see the supervisor."

If the user does have the InventoryManagement.FullControl permission, the system will invoke the Consign Inventory dialog described in this document. Upon returning to the Manage Inventory dialog, the search results grid will be refreshed.

3.1.2.8 Return to Manufacturer Button

Upon selection of the Return Inventory to Manufacturer dialog button, the system will check the permissions of the currently logged-on user to determine if they have the InventoryManagement.FullControl permissions to consign breastfeeding inventory. If the user does not have InventoryManagement.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to return inventory to the manufacturer. Please see the supervisor."

If the user does have the InventoryManagement.FullControl permission, the system will invoke the Return Inventory to Manufacturer dialog described in this document. Upon returning to the Manage Inventory dialog, the search results grid will be refreshed.

3.1.2.9 Close Button

Upon selection of the Close button, the system will close the Manage Inventory dialog and return to the calling dialog.

3.2 Add New Inventory

The Add New Inventory dialog allows the user to add new breastfeeding items to inventory. It is invoked when the user selects the Add button on the Manage Inventory dialog.
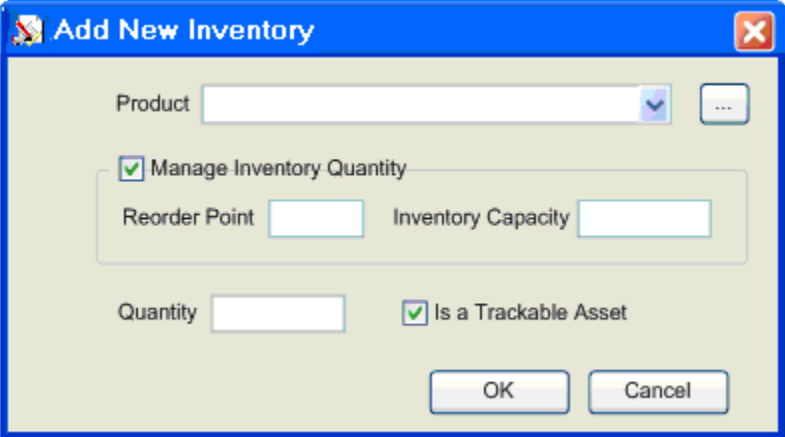
Figure 2 – Add New Inventory Dialog

3.2.1 Controls

This section describes the behavior of the controls on the Add New Inventory dialog.

3.2.1.1 Product Dropdown List

This control allows the user to select a product from a list of all products stored on the system. The dropdown will be enabled when the Add New Inventory dialog is active. It will display a list of product descriptions concatenated from the Manufacturer, ManufacturerBrand, and ManufacturerBrandType tables plus the descriptions for SubclassUse and SubclassType from the ReferenceDictionary for 'INVPDCTSUBCLASSUSE' and 'INVPDCTSUBCLASSTYP' for each product in the product table. The list will appear in alphabetic order. No entry will be initially selected. A selection is required in this control.

3.2.1.2 Add Product (…) Button

This control allows the user to display the Product dialog in add mode. The button will be enabled when the Add New Inventory dialog is active. Upon returning to the Add New Inventory dialog, the product dropdown list is refreshed and the newly added product is selected.

3.2.1.3 Manage Inventory Quantity Checkbox

This control enables or disables the reorder point and inventory capacity entry fields. Both the reorder point and the inventory capacity will be disabled and cleared when the Manage Inventory Quantity checkbox is unmarked. The reorder point and the inventory capacity masked edit boxes will be enabled when the Manage Inventory Quantity checkbox is marked. The checkbox will be enabled when the Add New Inventory dialog is active. The checkbox will initially appear as checked.

3.2.1.4 Reorder Point Masked Edit Box

This control allows the user to specify the quantity at which inventory should be replenished. The control is active when the Manage Inventory Quantity Checkbox is checked. The control will accept entry of nine (9) numeric characters. An entry is required in this control if the Manage Inventory Quantity checkbox is checked.

3.2.1.5 Inventory Capacity Masked Edit Box

This control allows the user to specify the maximum quantity that should be in inventory. The control is active when the Manage Inventory Quantity Checkbox is checked. The control will accept entry of nine (9) numeric characters. The mask on the box is "#########". An entry is required in this control if the Manage Inventory Quantity checkbox is checked.

3.2.1.6 Quantity Masked Edit Box

This control allows the user to specify the current quantity in inventory. The masked edit box will be enabled when the Add New Inventory dialog is active. The control will accept entry of nine (9) numeric characters. The mask on the box is "#########". An entry is required in this control.

3.2.1.7 Is a Trackable Asset Checkbox

This control allows the user to indicate that the selected product is to be tracked at an item level in inventory. The checkbox will be enabled when the Add New Inventory dialog is active. For example, some breastpump products are tracked by ID for each individual unit.

3.2.1.8 OK Button

This control allows the user to save the product to the inventory table. If the product is not trackable, the system will dismiss the dialog. If the product is marked as trackable and the dialog is in Add mode, the system invokes the Add Inventory Item dialog. Upon return from the Add Inventory Item dialog, the system will dismiss this dialog. The OK button will be enabled when the Add New Inventory dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.2.1.9 Cancel Button

This control allows the user to exit the Add New Inventory dialog without saving any data. The Cancel button will be enabled when the Add New Inventory dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.2.2 Processes

This section describes the processes (navigation) that takes place as a result of the actions taken on the Add New Inventory dialog.

3.2.2.1 Initializing the Interface

Upon initial display of the Add New Inventory dialog:

- The title bar text will be set to "Add New Inventory".
- The Manage Inventory Quantity check box will initially be checked.
- The following controls will be initially blank:
    - Product dropdown list
    - Reorder Point masked edit box
    - Inventory Capacity masked edit box
    - Quantity masked edit box
    - Is a Trackable Asset checkbox

3.2.2.2 Edits

Upon selection of the OK button:

- If a selection is not made in the following, the system will invoke a standard error message with the text "A selection is required in the {control label}.":
    - Product dropdown list
- If the Manage Inventory Quantity check box is checked and the following controls are blank, the system will invoke a standard error message with the text "An entry is required for the {control label}.":
    - Reorder Point masked edit box
    - Inventory Capacity masked edit box
- If an entry is not made in the following, the system will invoke a standard error message with the text "An entry is required for the {control label}."
    - Quantity masked edit box

3.2.2.3 OK Button

Upon successful completion of the above-listed edits:

- If the Is a Trackable Asset check box is not checked, the system will save the information and refresh the Manage Inventory grid.
- If the Is a Trackable Asset check box is checked, the system will invoke the Inventory Item dialog described in this document.

3.2.2.4 Cancel Button

Upon selection of the Cancel, the system will discard any changes made to the current dialog and return to the Manage Inventory dialog.

3.2.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Product	Inventory	ProductID	
Manage Inventory Quantity	Inventory	ManageInventoryQty	
Reorder Point	Inventory	ReorderPoint	
Inventory Capacity	Inventory	Inventory Capacity	
Quantity	Inventory	QuantityInStock	Non-trackable products only
Is a Trackable Asset	Inventory	IsTracked	

3.3 Inventory Level

The Inventory Level dialog allows the user to specify the current inventory quantity for a non-trackable asset. The Inventory Level dialog is invoked when the user selects the Edit button on the Manage Inventory dialog and the item selected is a non-trackable asset.
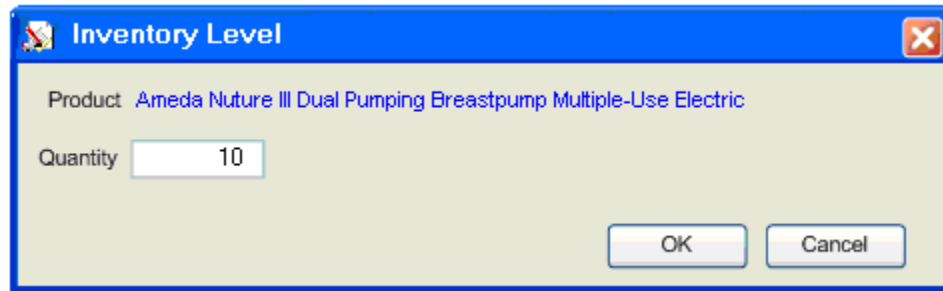
Figure 3 – Inventory Level Dialog

3.3.1 Controls

This section describes the behavior of the controls on the Inventory Level dialog.

3.3.1.1 Product Text and Value Label

This control allows the user to view the name of the product selected for edit on the Manage Inventory dialog. The value label will contain a description concatenated from the values associated with this product from the Manufacturer, ManufacturerBrand, and ManufacturerBrandType tables plus the descriptions from the ReferenceDictionary for 'INVPDCTSUBCLASSUSE' and 'INVPDCTSUBCLASSTYP'. It will display in the inverse color of the form.

3.3.1.2 Quantity Masked Edit Box

This control allows the user to set the current quantity in inventory of the non-trackable item selected on the Manage Inventory dialog. The control is enabled when the Inventory Level dialog is active. The masked edit box will allow entry of nine (9) numeric characters. The mask on the box is "#########". An entry is required in the control.

3.3.1.3 OK Button

This control allows the user to save the inventory quantity currently in stock to the Inventory table.   The OK button will be enabled when the Inventory Level dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.3.1.4 Cancel Button

This control allows the user to dismiss the Inventory Level dialog without saving the data. The Cancel button will be enabled when the Inventory Level dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.3.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Inventory Level dialog.

3.3.2.1 Initializing the Interface

Upon initial display of the Inventory Level dialog:

- The title bar text will be set to "Inventory Level".
- The Quantity will default to the QuantityInStock value in the Inventory table for the selected product.

3.3.2.2 Edits

Upon selection of the OK button:

- If an entry is not made in the Quantity masked edit box, the system will invoke a standard error message with the text "An entry is required for the Quantity."

3.3.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Manage Inventory dialog and refresh the Manage Inventory grid.

3.3.2.4 Cancel

Upon selection of the Cancel button the system will dismiss the Inventory Level dialog without saving any data and return the user to the Manage Inventory dialog.

3.3.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Quantity	Inventory	QuantityInStock	Non-trackable products only

3.4 Inventory Item

The Inventory Item dialog allows the user to edit an existing trackable inventory item or add one or more trackable inventory items. It is invoked by one of the following user interactions:

- Clicking the Edit button on the Manage Inventory dialog and the item selected is a trackable item.
- Clicking the OK button on the Add New Inventory dialog and the Is A Trackable Asset check box is checked.
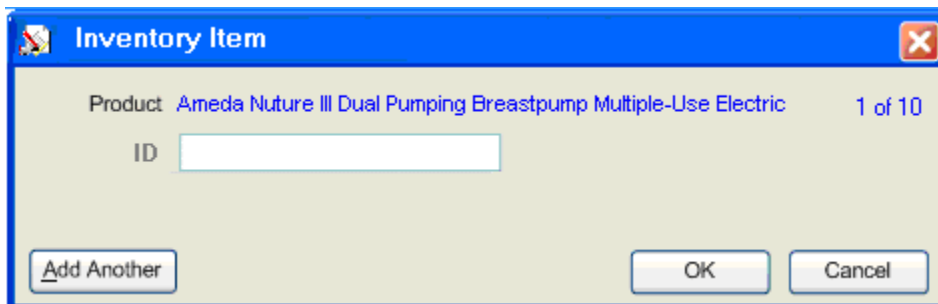
Figure 4 –Inventory Item Dialog

3.4.1 Controls

This section describes the behavior of the controls on the Inventory Item dialog.

3.4.1.1 Product Text and Value Label

This control allows the user to view the name of the product to manage. The value label will contain a description concatenated from the values associated with this product from the Manufacturer, ManufacturerBrand, and ManufacturerBrandType tables. It is a read only control and is not included in the tab order of the dialog. It will display in the inverse color of the form.

3.4.1.2 X of Y (Count)

The X of Y (count) will display the number of items that have had the ID specified and the Quantity of items selected to add to in inventory. If this dialog is invoked from the Edit button on the Manage Inventory dialog, it will display 1 of 1. It is a read only control and is not included in the tab order of the dialog. The values will be displayed in the inverse color of the form.

3.4.1.3 ID Masked Edit Box

This control allows the user to enter an ID for the specific item stored in inventory. The control is enabled when the Inventory Item dialog is active. The control allows entry of twenty (20) alphanumeric characters. An entry is required in the control.

3.4.1.4 Add Another Button

This control allows the user to save the current data into the Inventory Item table and reset the dialog to add another breastfeeding inventory item. The Add Another button is enabled when the Inventory Item dialog is active and more than one item remains to capture ID information. The button will be disabled then the Quantity to capture equals the quantity recorded. It has a mnemonic of "A".

3.4.1.5 OK Button

This control allows the user to save the inventory item information to the InventoryItem table. The OK button will be enabled when the Inventory Item dialog is active and all IDs have been captured for the quantity of trackable items specified on the Add New Inventory dialog. The OK button will remain disabled until all IDs have been captured. Characteristics for the OK button are defined in *Consistencies*.

3.4.1.6 Cancel Button

This control allows the user to exit the Inventory Item dialog without saving the data. The Cancel button will be enabled when the Inventory Item dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.4.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Confirm Order Cancellation dialog.

3.4.2.1 Initializing the Interface

Upon initial display of the Inventory Item dialog:

- The title bar text will be set to "Inventory Item".
- The following controls will be initially blank:
    - Disposition dropdown list
    - ID masked edit box

3.4.2.2 Add Another

Upon selection of the Add Another button:

- The system will save the data and re-display the Inventory Item dialog capturing IDs until the quantity remaining equals the quantity specified for the Quantity entered on the Add New Inventory dialog.

3.4.2.3 Edits

Upon selection of the OK button:

- If an entry is not made in the ID masked edit box, the system will invoke a standard error message with the text "An entry is required for the {control label}."
- If the ID is entered and if an inventory item already exists in inventory for the same product, the system will invoke a standard error message with the text "This {control label} has already been recorded for this product."

3.4.2.4 Saving the Data

Upon successful completion of the above listed edits:

- If the dialog is invoked from the Edit Button on the Manage Inventory dialog, the system will save the data, and return to the Manage Inventory dialog. The Manage Inventory grid will be refreshed.
- If the dialog is invoked from the Add New Inventory dialog, the system will save the data and return to the Add New Inventory dialog.
- Upon selection of the OK button, the system will display a warning message, "You have not specified IDs for the quantity of inventory specified. Do you wish to continue?" If the user selects 'Yes', the system will return to the Add New Inventory dialog and update the Quantity control to the number of items for the IDs captured. Otherwise, the user will be returned to the Inventory Item dialog to continue capturing the required IDs for the trackable assets.

3.4.2.5 Cancel

Upon selection of the Cancel button, the system will display a warning message, "You have not specified IDs for the quantity of inventory specified. Do you wish to continue?" If the user selects 'Yes', the system will return to the Add New Inventory dialog and update the Quantity control to the number of items for the IDs captured. Otherwise, the user will be returned to the Inventory Item dialog to continue capturing the required IDs for the trackable assets.

3.4.2.6 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
	InventoryItem	If Add New Inventory then Set Status to NULL=Not Consigned	Trackable products only

	InventoryItem	If Add New Inventory then Set StatusDate to System Date when the Status changes	Trackable products only
ID	InventoryItem	SerialNbr	Trackable products only
	InventoryItemHistory	Add a row to history for each add/update of the inventory item	Trackable Products Only

3.5 Consign Inventory

The Consign Inventory dialog allows the user to consign inventory to a specific location. This dialog is invoked when the user selects the Consign button on the Manage Inventory dialog.
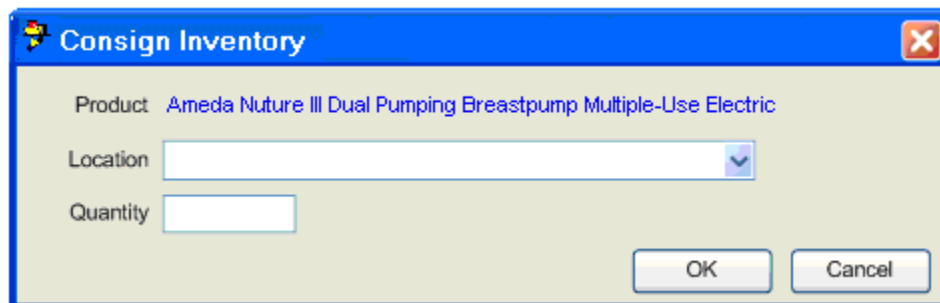
Figure 5 – Consign Inventory Dialog

3.5.1 Controls

This section describes the behavior of the controls on the Consign Inventory dialog.

3.5.1.1 Product Text and Value Label

This control allows the user to view the name of the product selected for consignment on the Manage Inventory dialog. This control allows the user to view the manufacturer, brand, type, and subclass use/type of the selected inventory product. It will display the product description concatenated from the Manufacturer, ManufacturerBrand, and ManufacturerBrandType tables for the product in the product table plus the descriptions from the ReferenceDictionary for 'INVPDCTSUBCLASSUSE' and 'INVPDCTSUBCLASSTYP'. It will display in the inverse color of the form.

3.5.1.2 Location Dropdown List

This control allows the user to select the location to which the inventory is being consigned. The dropdown will be enabled when the Consign Inventory dialog is active. It will display all locations in the InventoryLocation table in alphabetic order. No entry will initially be selected. A selection is required in this control.

3.5.1.3 Quantity Masked Edit Box

This control allows the user to enter the quantity of the selected product to be consigned. The Quantity masked edit box will be enabled when the Consign Inventory dialog is active. It will allow entry of nine (9) numeric digits. An entry is required in this control.

3.5.1.4 OK Button

This control allows the user to consign the inventory quantity currently in stock to the selected location.   The OK button will be enabled when the Consign Inventory dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.5.1.5 Cancel Button

This control allows the user to dismiss the Consign Inventory dialog without saving the data. The Cancel button will be enabled when the Consign Inventory dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.5.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Consign Inventory dialog.

3.5.2.1 Initializing the Interface

Upon initial display of the dialog:

- The title bar text will be set to "Consign Inventory"
- The following controls will be initially blank:
    - Location dropdown list
    - Quantity masked edit box

3.5.2.2 Edits

Upon selection of the OK button:

- If a selection is not made in the Location dropdown, the system will invoke a standard error message with the text "A selection is required for the {control label}".
- If an entry is not made in the Quantity masked edit box, the system will invoke a standard error message with the text "An entry is required for the {control label}"

3.5.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Manage Inventory dialog. The Manage Inventory grid will be refreshed.

Inventory consign warning messages:

- If the inventory is a trackable asset inventory item and the inventory item status (disposition) is equal to "Issued" the system will invoked a warning message with the text "The inventory item is currently issued. Do you want to continue?"

- If the inventory is a trackable asset inventory item and the inventory item status (disposition) is equal to "Consigned" the system will invoked a warning message with the text "The inventory item is currently consigned. Do you want to continue?"

3.5.2.4 Cancel Button

Upon selection of the Cancel button, the system will dismiss the Consign Inventory dialog without saving the data and return to the Manage Inventory dialog.

3.5.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Location	InventoryItem	InventoryLocationID	Trackable products only
	InventoryItem	If the status is not currently set to Issued then Set Status to C=Consigned	Trackable products only
	InventoryItem	Set StatusDate to System Date when the Status changes	Trackable products only
Location	InventoryConsigned	InventoryLocationID	
Quantity	InventoryConsigned	Add Quantity to Quantity	
Location	InventoryConsigned Trans	InventoryLocationID	
Quantity	InventoryConsigned Trans	Quantity (quantity added for this transaction)	

	InventoryItemHistory	Add a row to history for each add/update of the inventory item	Trackable Products Only

3.6 Return Inventory to Manufacturer

The Return Inventory to Manufacturer dialog allows the user to record received inventory that is being returned to the manufacturer. It is invoked when the user selects the Return to Manufacturer button on the Manage Inventory dialog.

Figure 6 – Return Inventory to Manufacturer Dialog

3.6.1 Controls

This section describes the behavior of the controls on the Return Inventory to Manufacturer dialog.

3.6.1.1 Product Text and Value Label

This control allows the user to verify selected inventory product to be returned. It will display the product description concatenated from the Manufacturer, ManufacturerBrand, and ManufacturerBrandType tables for each product in the product table plus the descriptions from the ReferenceDictionary for 'INVPDCTSUBCLASSUSE' and 'INVPDCTSUBCLASSTYP'. It will display in the inverse color of the form.

3.6.1.2 ID Text and Value Label

This control allows the user to verify the tracked inventory item to be returned. The control allows entry of twenty (20) alphanumeric characters. It will display in the inverse color of the form.

3.6.1.3 Date Returned Calendar Date Control

This control allows the user to enter the date the inventory was returned. The calendar date control will be enabled when the Return Inventory to Manufacturer dialog is active. It will only accept entry of numeric digits. The mask on the box will be "MM/DD/CCYY" to accept a date with a four digit year.

3.6.1.4 RMA Number Text Box

This control allows the user to record the RMA, return materials (or merchandise) authorization, number. An RMA number is generally required for the returned product to be tracked and accepted. The text box will be enabled when the Return Inventory to Manufacturer dialog is active. The control will initially be blank. The control allows entry of thirty (30) alphanumeric characters.

3.6.1.5 Quantity Text Box

This control allows the user to record the quantity of inventory units being returned. The control will be enabled when the Return Inventory to Manufacturer dialog is active. The control will initially be blank.

If the product is a trackable asset, the system will default the Quantity to 1 and disable the Quantity control. If not, the system will enable the Quantity control. It will accept entry of six (6) numeric characters.

3.6.1.6 Notes Text Box

This control allows the user to record notes describing the damage and the reason for returning the item to the manufacturer. The control will be enabled when the Return Inventory to Manufacturer dialog is active. The control will initially be blank. The control allows entry of (400) alphanumeric characters.

3.6.1.7 OK Button

This control allows the user to save the returned product information. The OK button will be enabled when the Return Inventory to Manufacturer dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.6.1.8 Cancel Button

This control allows the user to exit the Return Inventory to Manufacturer dialog without saving the data. The Cancel button will be enabled when the Return Inventory to Manufacturer dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.6.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Return Inventory to Manufacturer dialog.

3.6.2.1 Initializing the Interface

Upon initial display of the Supplier dialog:

- The title bar text will be set to "Return Inventory to Manufacturer".
- The following controls will initially be blank:
  - Date Returned calendar date control
  - RMA Number text box
  - Quantity text box
  - Notes text box

3.6.2.2 Edits

Upon selection of the OK button:

- When no entry is made in one of the controls listed below, the system will invoke a standard error message with the text, "An entry is required for the {Control Label}."
  - Date Returned
  - Notes
- If the inventory item status is not equal to consigned or retired for the specified ID, the system will invoke a standard error message with the text, "The inventory item for this ID cannot be returned when it is in use."

3.6.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the calling dialog.

3.6.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Return Inventory to Manufacturer dialog and return to the calling dialog.

3.6.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Product	ReturnItem	ProductID	
ID	ReturnItem	SerialNbr	
Date Returned	ReturnItem	ReturnedDate	

RMA Number	ReturnItem	RmaNumber	
Notes	ReturnItem	Notes	
	ReturnItem	Quantity = 1	
	Inventory	If there is no InventoryItem then reduce the Inventory Quantity: Inventory.Quantity minus one	NON-Trackable Products Only
	InventoryItem	If the InventoryItem.Status is currently Consigned then Set Status to X=Retired	Trackable Products Only
	InventoryItem	If the InventoryItem.Status is currently Consigned then Set StatusDate = Today	Trackable Products Only
	InventoryConsigned	If the InventoryItem.Status is changing to Retired then reduce the consigned quantity for the inventory item	Trackable Products Only

		location: InventoryConsigned. Quantity minus one.	
	InventoryItemHistory	Add a row to history for each add/update of the inventory item	Trackable Products Only

3.7 Manage Orders

The Manage Orders dialog allows the user to add a new order. It also allows the user to edit, delete print or cancel an existing order. It is invoked when the user selects the Manage Order sub-menu item on the Manage Breastfeeding Inventory menu.

Figure 7 – Manage Orders Dialog

3.7.1 Controls

This section describes the behavior of the controls on the Manage Orders dialog.

3.7.1.1 Order Date (From) Calendar Date Control

This calendar date control allows the user to specify the beginning of a date range to be used when searching for orders by order date. The control is enabled when the Manage Orders dialog is active. It is initially blank.

3.7.1.2 Order Date (To) Calendar Date Control

This calendar date control allows the user to specify the end of a date range to be used when searching for orders by order date. The control will be enabled when the Manage Orders dialog is active. It is initially blank.

3.7.1.3 Supplier Dropdown List

This control allows the user to select Supplier to be used when searching for orders by Supplier. The dropdown will be enabled when the Manage Order dialog is active. It is initially blank. It will be filled with entries from the ExternalVendor table.

3.7.1.4 Search Button

This control allows the user to apply the filter criteria to the entries in the Manage Order results display grid. The Search button will be enabled when the Manage Orders dialog is active. It has a mnemonic of "S".

3.7.1.5 Clear Button

This control allows the user to reset the Manage Orders dialog to its default values. All controls on the dialog will be cleared to blank. The Clear button will be enabled when the Manage Orders dialog is active. It has a mnemonic of "C".

3.7.1.6 Search Results Display Grid

This control allows the user to view the orders that match the filter criteria. The grid will consist of the following columns:

- Supplier
- Order Date

An entry will be added to the grid for each order that matches the filter criteria from the OrderRequest table. The entries in the grid will be sorted in ascending order by the Supplier column. The values on the grid are read-only. The display grid will initially be blank. The user may select a single entry in the grid.

3.7.1.7 Add Button

This control invokes the Orders dialog in Add mode allowing the user to create a new order. The button will be enabled when the Manage Orders dialog is active. It will have a mnemonic of "A".

3.7.1.8 Edit Button

This control invokes the Orders dialog in Edit mode allowing the user to edit an existing order. The button will be enabled when the Manage Orders dialog is active and an order that is not marked as completed is selected in the grid. It will have a mnemonic of "E".

3.7.1.9 Delete Button

This control allows the user to delete an existing order. The button will be enabled when the Manage Orders dialog is active and an order that is not marked as completed is selected in the grid. It will have a mnemonic of "D".

3.7.1.10 Print Order Button

This control allows the user to print the selected order by invoking the Print Order dialog. The button will be enabled when the Manage Orders dialog is active and an order is selected in the grid. It will have a mnemonic of "P".

3.7.1.11 Cancel Order Button

This control allows the user to cancel an existing order. The button will be enabled when the Manage Orders dialog is active and an order that is not marked as completed is selected in the grid. It will have a mnemonic of "O".

3.7.1.12 Close Button

This control allows the user to exit the Manage Orders dialog. The Close button will be enabled when the Manage Orders dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.7.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Manage Orders dialog.

3.7.2.1 Initializing the Interface

Upon initial display of the Manage Orders dialog:

- The title bar text will be set to "Manage Orders"
- The Order Date "From" and "To" entries will initially be blank.
- The Supplier dropdown will initially be blank.
- The Search Results display grid will initially be blank.
- The following buttons will be disabled until an entry is selected in the grid:
    - Edit
    - Delete
    - Print Order
    - Cancel Order

3.7.2.2 Search Button

Upon selection of the Search button, the system will search for inventory items matching the search criteria. The orders matching the specified criteria will be displayed in the search results display grid. If no search criteria are specified, all orders will be displayed.

3.7.2.3 Clear Button

Upon selection of the Clear button, the system will reset the search criteria and the results list.

3.7.2.4 Add Button

Upon selection of the Add button, the system will invoke the Order dialog described in this document. The Order dialog will be displayed in Add mode.

3.7.2.5 Edit Button

Upon selection of the Edit button, the system will invoke the Order dialog described in this document. The Order dialog will be displayed in Edit mode.

The order may only be edited if the OrderRequest status is set to 01=Pending New Order. No changes are allowed once the OrderRequest status has progressed to a status of 02=Approved/Confirmed Order (Ordered) the order.

3.7.2.6 Delete Button

Upon selection of the Delete button, the system will invoke a standard delete confirmation message dialog with the text "Are you sure you want to delete {ExternalVendorID} {Order Date}?" The options of 'Yes' and 'No' will be available.

The order may only be deleted if the OrderRequest status is set to 01=Pending New Order. Once the OrderRequest status has progressed to a status of 02=Approved/Confirmed Order (Ordered) the order should be cancelled and the status will be set to 03=Cancelled the entire order.

If the user selects the 'Yes' option, the system will check the permissions of the currently logged-on user to determine if they have the PurchaseOrder.FullControl permissions to delete orders. If the user does not have PurchaseOrder.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to delete orders. Please see the supervisor." If the user does have the appropriate permissions, the system will dismiss the delete confirmation dialog, delete the selected order from the system, and return the user to the Manage Orders dialog. The search results grid will be refreshed.

If the user selects the 'No' option, the system will dismiss the delete confirmation dialog and return the user to the Manage Orders dialog with no changes. The search results grid will not be refreshed.

3.7.2.7 Close Button

Upon selection of the Close button, the system will close the Manage Orders dialog and return to the calling window.

3.8 Order

The Order dialog allows the user to Add a new order or Edit an existing order. It is invoked in Add mode when the user selects the Add button on the Manage Orders dialog. It is invoked in Edit mode when the user selects the Edit button on the manage Orders dialog.

Figure 8 –Order Dialog

3.8.1 Controls

This section describes the behavior of the controls on the Order dialog.

3.8.1.1 Order # Text and Value Label

This control allows the user to view the order number assigned by the system. The value label is set to the system assigned order number. The control is read only and is not included in the tab order for the dialog. It will display in the inverse color of the form.

3.8.1.2 Order Date Calendar Date Control

This control allows the user to select the date of the order. The control is enabled when the Order dialog is active. A selection is required in the control. The control accepts only numeric digits in the format MM/DD/CCYY.

3.8.1.3 Total Order Value Text and Value Label

This control allows the user to view the extended price total for all items on the order. The value label will be set to the sum of the extended prices for all items on the order. The control will display in the inverse color of the form.

3.8.1.4 Supplier Dropdown List

This control allows the user to select a Supplier from a list of all Suppliers known to the system. The dropdown is enabled when the Order dialog is active. The dropdown contains the assigned Supplier and is grayed and disabled when the Order has associated items. It will be filled with entries from the ExternalVendor table.

3.8.1.5 Add Supplier (…) Button

This control allows the user to add a new manufacturer to the system by invoking the Manufacturer dialog. Upon returning to the Order dialog after adding a manufacturer, the Supplier dropdown list is refreshed and the newly added Supplier is selected.

3.8.1.6 Items Display Grid

This control allows the user to view or select items on the order. The grid is enabled when the Order dialog is active. It will contain a list of all items on the order. The following columns will be displayed in the grid:

- Item
- Quantity Ordered
- Extended Price (EstimatedCost)

3.8.1.7 Add Button

This control invokes the Order Item dialog in Add mode allowing the user to add a new item to the selected order. The button will be enabled when the Order dialog is active. It will have a mnemonic of "A".

The order items may only be added/edited/deleted if the OrderRequest status is set to 01=Pending New Order. No changes are allowed once the OrderRequest status has progressed to 02=Approved/Confirmed Order (Ordered) or 03=Cancelled the entire order.

3.8.1.8 Edit Button

This control invokes the Order Item dialog in Edit mode allowing the user to edit an existing item on a selected order. The button will be enabled when the Order dialog is active and an item is selected in the Items grid. It will have a mnemonic of "E".

The order items may only be added/edited/deleted if the OrderRequest status is set to 01=Pending New Order. No changes are allowed once the OrderRequest status has been set to 02=Approved/Confirmed Order (Ordered) or 03=Cancelled the entire order.

3.8.1.9 Delete Button

This control allows the user to delete an existing item from a selected order. The button will be enabled when the Order dialog is active and an item is selected in the Items grid. It will have a mnemonic of "D".

The order items may only be added/edited/deleted if the OrderRequest status is set to 01=Pending New Order. No changes are allowed once the OrderRequest status has been set to 02=Approved/Confirmed Order (Ordered) or 03=Cancelled the entire order.

3.8.1.10 Receive Item Button

This control allows the user to receive the selected item into inventory. The button will be enabled when the Order dialog is active and an item is selected in the Items grid. It will have a mnemonic of "I".

The order items may only be received if the OrderRequest status is set to 02=Approved/Confirmed Order (Ordered) or 04=Partial Receipt Pending. The OrderRequest status will be set to 04=Partial Receipt Pending if the full order is not received. No more changes are allowed once the OrderRequest status has been set to 05=Complete/Closed - All expected receipts are received or 03=Cancelled the entire order.

Use this option to record the transaction for partial shipments received.

The Receive Item button will be disabled if the Order request status is 05=Complete/Closed.

3.8.1.11 Receive All Items Button

This control allows the user to receive all items on the order into inventory. The button will be enabled when the Order dialog is active. It will have a mnemonic of "S".

The order items may only be received if the OrderRequest status is set to 02=Approved/Confirmed Order (Ordered) or 04=Partial Receipt Pending. The OrderRequest status will be set to 05=Complete/Closed - All expected receipts are received if the full order is received. No more changes are allowed once the OrderRequest status has been set to 05=Complete/Closed - All expected receipts are received or 03=Cancelled the entire order. The Receive Item button will be disabled if the Order request status is 05=Complete/Closed.

3.8.1.12 Print Order Button

This control allows the user to print the selected order by invoking the Print Order dialog. The button will be enabled when the Order dialog is active. It will have a mnemonic of "P".

The Print Order button will be sets the order request status is Approved if the status is 01=Pending. Otherwise, it prints another copy of the order request.

3.8.1.13 Cancel Order Button

This control allows the user to cancel an existing order. The button will be enabled when the Order dialog is active. It will have a mnemonic of "O".

The order may only be cancelled if the OrderRequest status is been set to 02=Approved/Confirmed Order (Ordered). The Cancel Order button will be enabled if the order request status is 02=Approved and sets the OrderItem status to cancelled.

The Cancel Order button will be disabled if the order request status is not 02=Approved.

3.8.1.14 Close Button

This control allows the user to exit the Order dialog. The Close button will be enabled when the Order dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.8.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Order dialog.

3.8.2.1 Initializing the Interface

Upon initial display of the Order dialog:

- The title bar text will be set to "Order"

Add Mode:

- The Order # value label will initially be blank.
- The Order Date will initially be blank.
- The Total Order Value value label will initially be blank.
- The Supplier dropdown list will initially be blank.
- The Search Results display grid will initially be blank.

Edit Mode:

- The Order # value label will be set to the order number of the selected order.
- The Order Date will initially be set to the Order date of the selected order.
- The Total Order Value value label will be set to the sum of the extended prices of the items on the selected order.
- The Supplier dropdown list will initially be set to the Supplier who was issued the selected order.
- The Search Results display grid will initially contain the items on the selected order.

3.8.2.2 Add Button

Upon selection of the Add button, the system will invoke the Order Item dialog described in this document. The Order Item dialog will be displayed in Add mode. Upon returning to the Order dialog, the search results list grid will be refreshed.

3.8.2.3 Edit Button

Upon selection of the Edit button, the system will invoke the Order Item dialog described in this document. The Order Item dialog will be displayed in Edit mode. Upon returning to the Order dialog, the search results grid will be refreshed.

3.8.2.4 Delete Button

Upon selection of the Delete button, the system will invoke a standard delete confirmation message dialog with the text "Are you sure you want to delete {Item} {Quantity Ordered} from this order?"   The options of 'Yes' and 'No' will be available.

If the user selects the 'Yes' option, the system will check the permissions of the currently logged-on user to determine if they have the PurchaseOrder.FullControl permissions to delete orders. If the user does not have PurchaseOrder.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to delete order items. Please see the supervisor." If the user does have the appropriate permissions, the system will dismiss the delete confirmation dialog, delete the selected order from the system, and return the user to the Order dialog. The search results grid will be refreshed.

If the user selects the 'No' option, the system will dismiss the delete confirmation dialog and return the user to the Order dialog with no changes. The search results grid will not be refreshed.

3.8.2.5 Print Order Button

Upon selection of the Print Order button if the order request status is 01=Pending New Order the system will invoke the Complete Order dialog.

If the user selects the 'Yes' option, the system will set the order request status to 02=Approved/Confirmed Order (Ordered) and each order item status to 1=Ordered.

The order may only be confirmed if the OrderRequest status is set to 01=Pending New Order. No changes are allowed once the OrderRequest status has been set to 02=Approved/Confirmed Order (Ordered).

The system will invoke the Print Order dialog to select the number of copies to print.

The system will close the Order dialog and return to the Manage Orders dialog

3.8.2.6 Cancel Order Button

Upon selection of the Cancel button, the system will set each order item status to 2=Cancelled and the order request status to 03=Cancelled the entire order. The system will close the Order dialog and return to the Manage Orders dialog.

3.8.2.7 Close Button

Upon selection of the Close button, the system will close the Order dialog and return to the Manage Orders dialog.

3.8.2.8 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
	OrderRequest	Status is set to 01 = Pending New Ordered when a new order is started Status is set to 02 = Approved/Confirmed when confirmed Status is set to 03 = Canceled when the entire order is cancelled.	
	OrderRequest	Order.Date = SystemDate when status is set to 02=Approved/Confirmed Order (Ordered)	
	OrderRequest	Due.Date = SystemDate plus number of days in business rule	
	OrderRequest	OrderedBy = UserID logged in	
	OrderRequest	OrderAmount is initialized to zero	

3.9 Order Item

The Order Item dialog allows the user to Add a new item or Edit an item on the selected new order. It is invoked in Add mode when the user selects the Add button on the Order dialog. It is invoked in Edit mode when the user selects the Edit button on the Order dialog.
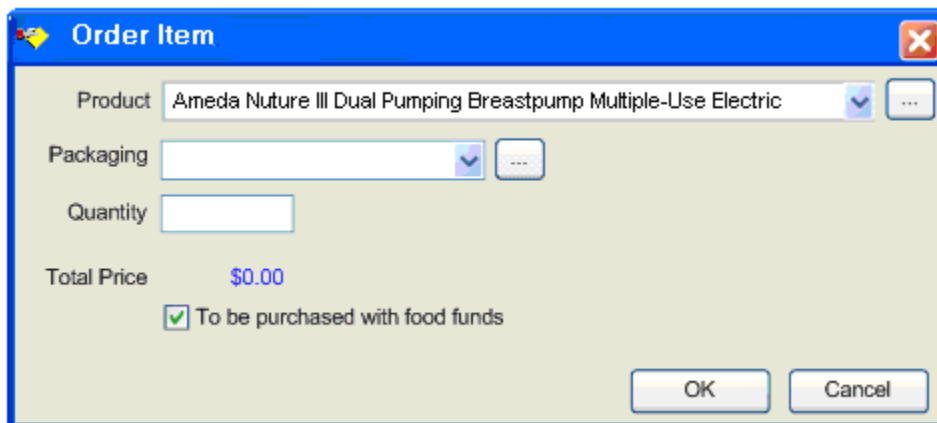
Figure 9 –Order Item Dialog

3.9.1 Controls

This section describes the behavior of the controls on the Order Item dialog.

3.9.1.1 Product Dropdown List

This control allows the user to select a product from a list of all products stored on the system. The dropdown will be enabled when the Order Item dialog is active. It will be loaded with product descriptions concatenated from the Manufacturer, ManufacturerBrand, and ManufacturerBrandType tables plus the descriptions for SubclassUse and SubclassType from the ReferenceDictionary for 'INVPDCTSUBCLASSUSE' and 'INVPDCTSUBCLASSTYP' for each product in the Product table. The list will appear in alphabetic order. No entry will be initially selected. The list will appear in alphabetic order. No entry will be initially selected. A selection is required in this control.

3.9.1.2 Add Product (…) Button

This control allows the user to add a new product. It is enabled when the Order Item dialog is active.

3.9.1.3 Packaging Dropdown List

This control allows the user to select the package size for the order. It is enabled when the Order Item dialog is active. It will be loaded with the concatenated values from the OrderPackaging table for Packaging from the descriptions from the ReferenceDictionary for 'INVPDCTUOM' and the PackageQuantity. The format will be the desription with the quantity in parenthesis, "Cases (25)".

3.9.1.4 Add Packaging (…) Button

This control allows the user to add a new order packaging size. It is enabled when the Order Item dialog is active.

3.9.1.5 Quantity Masked Edit Box

This control allows the user to specify the quantity for the order item packaging size. It is enabled when the Order Item dialog is active. The control allows entry of numeric digits only. A maximum of 5 digits are allowed The mask on the control will be ##,###. An entry is required.

3.9.1.6 Total Price Text and Value Label

This text and value label allows the user to view the total price of the order. It is enabled when the Order Item dialog is active. The value label will be set to the extended price of the selected item. This value will display the calculated Total Price. Multiply the

OrderPackaging EstimatedPrice by the quantity to calculate the line item cost. The mask on the control will be $#,###,##0.00. It is a read only control and is not included in the tab order for the dialog. It will display in the inverse color of the form.

3.9.1.7 To be Purchased with Food Funds Checkbox

This control allows the user to indicate that the order will be paid for with food funds. The checkbox will be enabled when the Order Item dialog is active. The value is initially set to unchecked.

3.9.1.8 OK Button

This control allows the user to finish the order item maintenance. The OK button will be enabled when the Order Item dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.9.1.9 Cancel Button

This control allows the user to exit the Order Item dialog without maintaining the order item. The Cancel button will be enabled when the Order Item dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.9.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Order Item dialog.

3.9.2.1 Initializing the Interface

Upon initial display of the Order Item dialog:

- The title bar text will be set to "Order Item".

Add Mode:

- The Product dropdown list will initially be blank.
- The Packaging dropdown list will initially be blank.
- The Quantity will initially be blank.
- The Total Price will initially be blank.

Edit Mode:

- The Product dropdown will initially default to the value related to the item selected on the order.
- The Packaging dropdown will initially default to the value related to the item selected on the order.
- The Quantity will initially contain the number of this item currently on this order.
- The total price will initially contain the calculated total price of the item.

3.9.2.2 Edits

Upon selection of the OK button:

- The system will invoke a standard error message with the text "An entry is required for the {control label}" if an entry is not made in the following:
    o Quantity masked edit box
- The system will invoke a standard error message with the text "A selection is required for the {control label}" if a selection is not made in the following:
    o Product dropdown list
    o Packaging dropdown list

3.9.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Order dialog.

3.9.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Order Item dialog and return to the Order dialog.
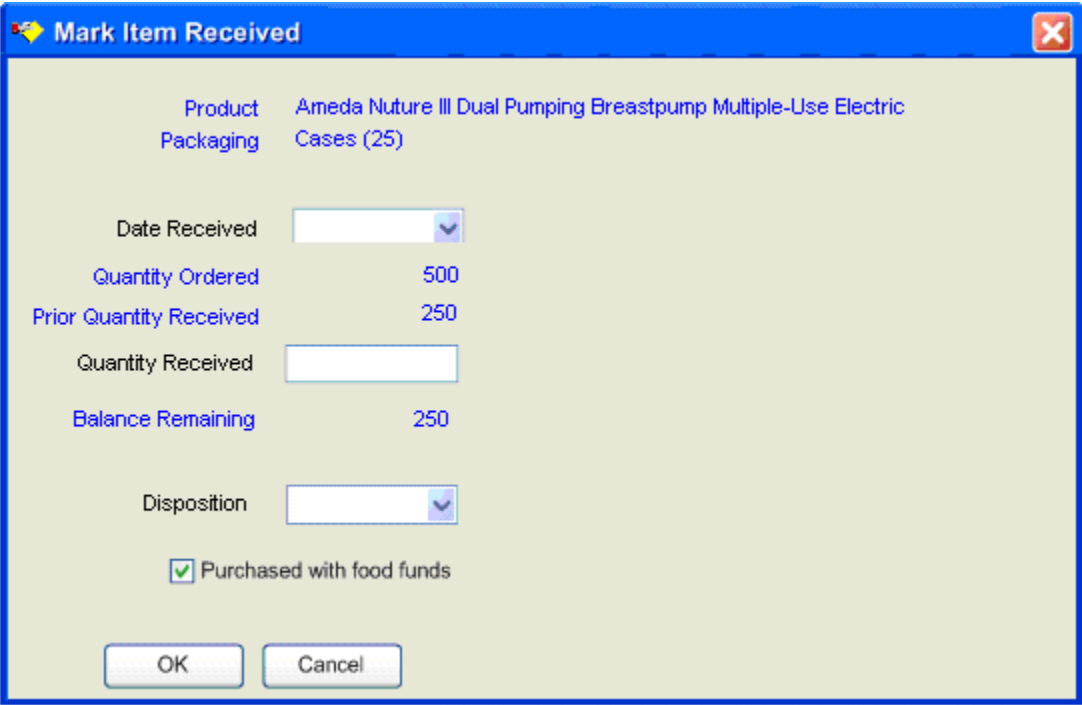
3.9.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
	OrderRequest	OrderAmount = sum of OrderItem.EstimatedCost	
	OrderRequest	Status is set to 01 = Pending New Ordered when a new order is started Status is set to 02 = Approved/Confirmed when confirmed Status is set to 03 = Canceled when the entire order is cancelled.	
	OrderRequest	Order.Date = SystemDate Status is set to 01 = Pending New Ordered when a new order is started Status is set to	
	OrderRequest	Cancel.Date = SystemDate When status is set to 03 = Canceled the order request status to 03=Cancelled the entire order	
Product	OrderItem	ProductID	

Packaging	OrderItem	Packaging	
Quantity	OrderItem	Quantity	
	OrderItem	EstimatedCostEach = OrderPackaging.EstimatedPrice	
Total Price	OrderItem	EstimatedCost = Multiply EstimatedCostEach by the OrderItem.Quantity	
To be purchased with food funds	OrderItem	UseFoodFunds	
	OrderItem	Status is set to 1=Ordered: When the order request is pending Status is set to 2=Cancelled When the order request is cancelled	
	OrderItem	Status.Date = SystemDate	

3.10 Mark Item Received

The Mark Item Received dialog allows the user to receive all or part of the quantity of an item on order. It is invoked when the user selects the Mark Item Received button on the Order dialog.

Figure 10 – Mark Item Received Dialog

3.10.1 Controls

This section describes the behavior of the controls on the Mark Item Received dialog.

3.10.1.1 Product Text and Value Label

This control allows the user to view the manufacturer, brand, type, and subclass use/type for the selected order item. It will display the product description concatenated from the Manufacturer, ManufacturerBrand, and ManufacturerBrandType tables for the product in the product table plus the descriptions for the subclass use and subclass type from the ReferenceDictionary for 'INVPDCTSUBCLASSUSE' and 'INVPDCTSUBCLASSTYP'. It will display in the inverse color of the form.

3.10.1.2 Packaging Text and Value Label

This control allows the user to view the package size for the selected order item. It will be loaded with the concatenated values from the OrderPackaging table for Packaging from the descriptions from the ReferenceDictionary for 'INVPDCTUOM' and the PackageQuantity. The format will be the desription with the quantity in parenthesis, "Cases (25)". It will display in the inverse color of the form.

3.10.1.3 Date Received Calendar Date Control

This control allows the user to select the date the item was received. The control will be enabled when the Mark Item Received dialog is active. It will initially be blank. An entry is required in the Date Received.

3.10.1.4 Quantity Ordered Text and Value Label

This label and value label allows the user to view the quantity of this item ordered from the OrderItem table. The value label will be set to the quantity of the item specified on the selected order. It will display in the inverse color of the form.

3.10.1.5 Prior Quantity Received Text and Value Label

This text and value label allows the user to view the total quantity received so far (partial receipts) for of this ordered item from the OrderItemReceived table. The value is calculated by summing the current OrderItemReceived quantities for the associated OrderItem. Order items could be backordered and shipped separately

It will display in the inverse color of the form.

3.10.1.6 Quantity Received Masked Edit Box

This control allows the user to enter the quantity of the item received in this current transaction. The control will allow entry of nine (9) numeric digits. It will be enabled when the Mark Item Received dialog is active. The user will record the quantity received with each shipment in the situation of partial shipments.

3.10.1.7 Balance Remaining Text and Value Label

This text and value label allows the user to view the quantity of this item still not received for the selected order. The value label will be set to the quantity of the item still outstanding. It will display in the inverse color of the form. The value is calculated by subtracting the Prior Quantity Received and the Quantity Received from the Quantity Ordered.

3.10.1.8 Disposition Dropdown List

This control allows the user to specify the disposition of the ordered item. It will be enabled when the Mark Item Received dialog is active. It will display all ReferenceDictionary.Description where the ReferenceDictionary.Category = 'INVORDERITEMSTATUS'. The list will be displayed in alphabetic order. It will initially default to Ordered. A selection is required from the list. If the ordered item has a partial quantity received, limit the entries to 5=Partial Receipt and 6=Receipt in Full/Received Complete. The ordered item can be set to 1=Ordered, to 2=Cancelled, 3= Terminated only if there has been no receipt.

3.10.1.9 Purchase with Food Funds Checkbox

This control allows the user to specify that all items received for this entire line item on the order have been purchased with Food Funds. The control will be enabled when the Mark Item Received dialog is active. It will initially be default to the value recorded on the OrderItem table for use food funds value.

3.10.1.10 OK Button

This control allows the user to complete the receipt of the item into inventory. The OK button will be enabled when the Mark Item Received dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.10.1.11 Cancel Button

This control allows the user to exit the Mark Item Received dialog without receiving the item into inventory. The Cancel button will be enabled when the Mark Item Received dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.10.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Mark Item Received dialog.

3.10.2.1 Initializing the Interface

Upon initial display of the Mark Item Received dialog:

- The title bar text will be set to "Mark Item Received".
- The Purchased with food funds checkbox will be set the value in the OrderItem table.
- The Value Labels will be set to values associated with the selected item:
    - o Product
    - o Packaging
    - o Quantity Ordered
    - o Prior Quantity Received

> o   Balance Remaining
- The following controls will initially be blank:
    - o   Date Received calendar date control
    - o   Quantity Received masked edit box
    - o   Disposition dropdown list

3.10.2.2 Edits

Upon selection of the OK button:

- When no item is selected in the Disposition dropdown, the system will invoke a standard error message with the text, "A selection is required for the Disposition."
- When no entry is made in one of the controls listed below, the system will invoke a standard error message with the text, "An entry is required for the {control label}."
    - o   Date Received
    - o   Quantity Received

Control Label	Entity	Attribute	Business Rule Applicable
Received Date	OrderItemReceived	ReceivedDate	
Quantity Received	OrderItemReceived	Quantity	
Purchase with food funds	OrderItem	UseFoodFunds	
Disposition	OrderItem	Status Status is set to 1=Ordered when the order item is created Status is set to 2=Cancelled when the order request is cancelled	

		Status is set to 3=Terminated - when the order line item will not be filled	
		Status is set to 5 = Partial Receipt when the balance remaining is greater than zero (backordered)	
		Status is set to 6 = Receipt In Full/Received Complete when the balance remaining is equal to or greater (all items plus unexpected extra items) even if the disposition selected is other than 6.	
	OrderItem	Status Date = SystemDate when status changes	
	OrderRequest	Status	
		Status is set to 04=Partial Receipt Pending when the order item is any order item statuses is set to one of these statuses: 1 = Ordered 4 = Backordered 5 = Partial Receipt	

| | | Status is set to 05=Complete/Closed - All expected receipts are received when all of the order item statuses are set to one of these statuses:

Status is set to

2 = Cancelled or

3 = Terminated or

6 = Receipt In Full | |
|---|---|---|---|

- If the calculated Balance Remaining indicates more items were received than ordered, the system will invoke a warning message with the text, "The received quantity has exceeded the ordered quantity. Do you wish to continue?" The quantity received is calculated by summing each Quantity of the OrderItemReceived table for the order line item.

3.10.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Order dialog.

3.10.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Mark Item Received dialog and return to the Order dialog.

3.10.2.5 Data Map

3.11 Mark All Items Received in Full

The Mark All Items Received in Full dialog allows the user to receive all items on the selected order into inventory. It is invoked when the user selects the Receive All Items button on the Order dialog.
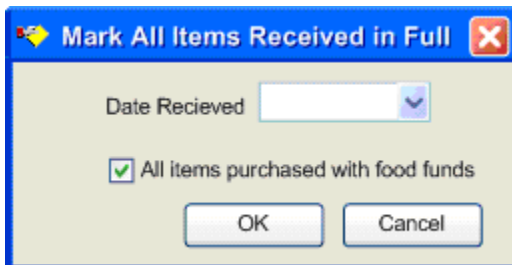
Figure 11 – Mark All Items Received in Full Dialog

3.11.1 Controls

This section describes the behavior of the controls on the Mark All Items Received in Full dialog.

3.11.1.1 Date Received Calendar Date Control

This control allows the user to select the date the item was received. The control will be enabled when the Mark All Items Received in Full dialog is active. It will initially be blank. An entry is required in the Date Received.

3.11.1.2 Purchase with Food Funds Checkbox

This control allows the user to specify that all items on this order have been purchased with Food Funds. The control will be enabled when the Mark All Items Received in Full dialog is active. It will initially be blank.

3.11.1.3 OK Button

This control allows the user to complete the receipt of all the items on the order into inventory. The OK button will be enabled when the Mark All Items Received in Full dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.11.1.4 Cancel Button

This control allows the user to exit the Mark All Items Received in Full dialog without receiving the items into inventory. The Cancel button will be enabled when the Mark All Items Received in Full dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.11.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Mark All Items Received in Full dialog.

3.11.2.1 Initializing the Interface

Upon initial display of the Mark All Items Received in Full dialog:

- The title bar text will be set to "Mark All Items Received in Full".
- The Date Received will initially be blank.
- The all items purchased with food funds checkbox will initially be blank.

3.11.2.2 Edits

Upon selection of the OK button:

- When no entry is made in the Date Received, the system will invoke a standard error message with the text, "An entry is required for the Date Received."

3.11.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Order dialog.

3.11.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Mark All Items Received in Full dialog and return to the Order dialog.

3.11.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Received Date	OrderItemReceived	ReceivedDate	
Quantity Received	OrderItemReceived	Quantity	
Purchase with food funds	OrderItemReceived	UseFoodFunds	
Disposition	OrderItem	Status is set to 6 = Receipt In Full when the balance remaining is equal to or greater (all items plus unexpected	

		extra items)	
	OrderItem	Status Date = SystemDate when status changes	
	OrderRequest	Status Status is set to 05=Complete/Closed - All expected receipts are received when all of the order item statuses are set to one of these statuses: Status is set to 2 = Cancelled or 3 = Terminated or 6 = Receipt In Full	

3.12 Cancel Order

The Cancel Order dialog allows the user to cancel an order. It is invoked when the user selects the Cancel Order button on the Order dialog.
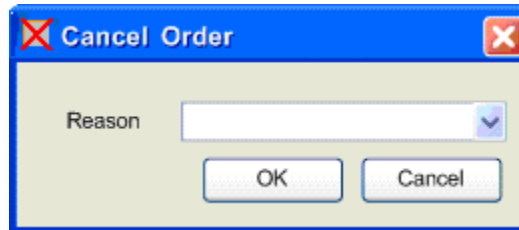
Figure 12 – Cancel Order Dialog

3.12.1 Controls

This section describes the behavior of the controls on the Cancel Order dialog.

3.12.1.1 Reason Dropdown List

This control allows the user to select the reason the order is being cancelled. The control will be enabled when the Cancel Order dialog is active. It will initially be blank. It contains a list of reason codes from the Reference Dictionary. It will display all ReferenceDictionary.Description where the ReferenceDictionary.Category = 'INVORDERCANCELRSN'. The list will be displayed in alphabetic order. A selection is required from the list.

3.12.1.2 OK Button

This control allows the user to cancel the order. The OK button will be enabled when the Cancel Order dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.12.1.3 Cancel Button

This control allows the user to exit the Cancel Order dialog without saving the data. The Cancel button will be enabled when the Cancel Order dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.12.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Cancel Order dialog.

3.12.2.1 Initializing the Interface

Upon initial display of the Cancel Order dialog:

- The title bar text will be set to "Cancel Order".
- The Reason will initially be blank.

3.12.2.2 Edits

Upon selection of the OK button:

- When no entry is made in the Reason, the system will invoke a standard error message with the text, "A selection is required for the Reason."

3.12.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Order dialog.

3.12.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Mark All Items Received in Full dialog and return to the Order dialog.

3.12.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
	OrderRequest	Status is set to 03 = Canceled when the entire order is cancelled.	
	OrderRequest	Cancel.Date = SystemDate when status is set to 03=Cancelled the entire order	
	OrderRequest	Cancel.Reason	
	OrderRequest	OrderedBy = UserID logged in	
	OrderRequest	OrderAmount is initialized to zero	

3.13 Product List

The Product List dialog allows the user to view products. It is invoked when the user selects the Product List sub-menu item from the Participant Folder, Activities, Manage Breastfeeding Inventory menu item.

Figure 13 –Product List Dialog

3.13.1 Controls

This section describes the behavior of the controls on the Product List dialog.

3.13.1.1 Product List Grid

This control allows the user to view the products. The grid will consist of the following columns:

- Manufacturer/Brand/Brand Type
- Class
- Subclass
- Type
- Unit of Measure
- Status

An entry will be added to the grid for each product. The entries in the grid will be displayed in ascending order by the Manufacturer/Brand/Brand Type column. The values on the grid are read-only. The user may select a single entry in the grid.

3.13.1.2 Add Button

This control allows the user to add new products. It invokes the Product dialog in Add mode. The button is enabled when the Product List dialog is active. Upon return to the Product List dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "A".

3.13.1.3 Edit Button

This control allows the user to edit products appearing in the display grid. It invokes the Product dialog in Edit mode. The Edit button will be enabled when the Product List dialog is active and an entry is selected in the display grid. It will have a mnemonic of "E".

3.13.1.4 Delete Button

This control allows the user to delete a product appearing in the display grid. The Delete button will be enabled when the Product List dialog is active and an entry is selected in the display grid. It will have a mnemonic of "D".

3.13.1.5 Close Button

This control allows the user to exit the Product List dialog. The Close button will be enabled when the Product List dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.13.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Product List dialog.

3.13.2.1 Initializing the Interface

Upon initial display of the Product List dialog:

- The title bar text will be set to "Product List".
- The Product List grid will contain a list of all the Products defined to the system.

3.13.2.2 Edits

A product cannot be deleted if it is associated with an order or inventory. If an order or inventory exists for the product, the system will display an error message with the text: "The product is associated with orders or inventory in the system and cannot be deleted."

3.13.2.3 Add Button

Upon selection of the Add button, the system will invoke the Product dialog in Add mode.

3.13.2.4 Edit Button

Upon selection of the Edit button, the system will invoke the Product dialog in Edit mode.

3.13.2.5 Delete Button

Upon selection of the Delete button, the system will check the permissions of the currently logged-on user to determine if they have the InventoryManagement.FullControl permissions to update breastfeeding inventory data. If the user does not have the InventoryManagement.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to delete a product. Please see the supervisor." If the user does have the InventoryManagement.FullControl permissions, the system will invoke a standard delete confirmation message dialog with the text "Are you sure you want to delete {Manufacturer/Brand/Brand Type}?" The options of 'Yes' and 'No' will be available.

If the user selects the 'Yes' option, the system will perform the edit to make sure no orders or inventory are associated with the product. Upon successful completion of the edit, the system will delete the selected product from the system and return the user to the Products List dialog. The search results grid will be refreshed.

If the user selects the 'No' option, the system will dismiss the message dialog without deleting and return the user to the Product List dialog.

3.13.2.6 Close Button

Upon selection of the Close button, the system will dismiss the Product List dialog and return to the calling dialog.

3.13.2.7 Data Map

Control Label	Entity	Attribute	Business Rule Applicable

3.14 Product

The Product dialog allows the user to add a new breastfeeding product to inventory. The dialog is invoked when the user selects either the Add Product button on the Add New Inventory dialog or the Add or Edit button on the Product List dialog.
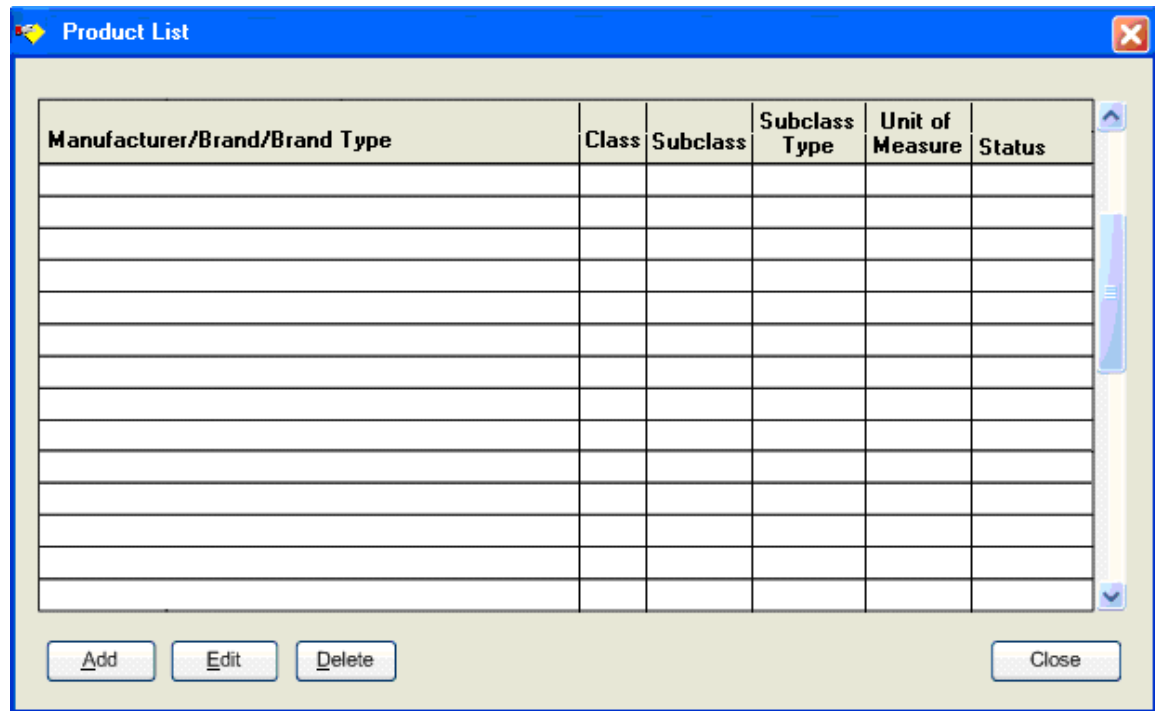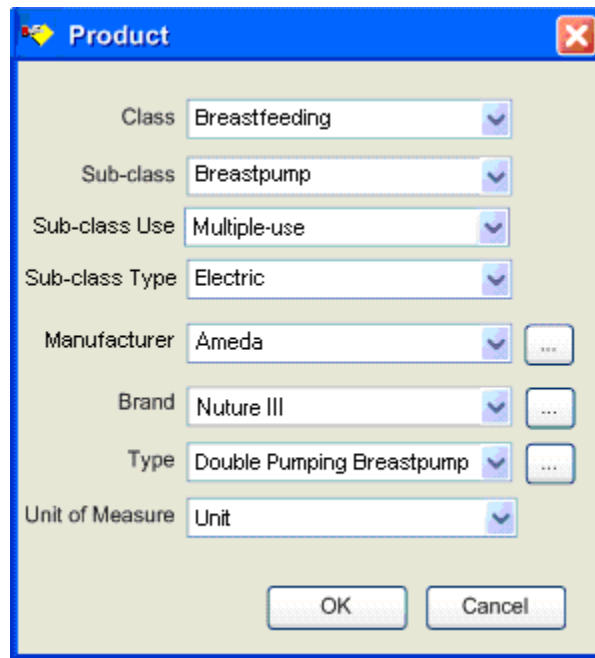

Figure 14 – Product Dialog

3.14.1 Controls

This section describes the behavior of the controls on the Product dialog.

3.14.1.1 Class Dropdown List

This control allows the user to assign a class to the new product. It will initially be blank. The control will be enabled when the Product dialog is active. It contains a list of entries from the Reference Dictionary where the ReferenceDictionary.Category = 'INVPDCTCLASS'. The entries are system defined for breastfeeding products and food products. The list will be displayed in alphabetic order. A selection is required from the control.

3.14.1.2 Sub-class Dropdown List

This control allows the user to assign a sub-class to the new product. It will initially be blank. The control will be enabled when the Product dialog is active. It contains a list of entries from the Reference Dictionary where the ReferenceDictionary.Category = 'INVPDCTSUBCLASS'. The entries are system defined for breastpump kit, breastpump, and breastfeeding supply. The list will be displayed in alphabetic order. A selection is required from the control.

3.14.1.3 Sub-class Use Dropdown List

This control allows the user to assign a sub-class use to the new product. It will initially be blank. The control will be enabled when the Product dialog is active. It contains a list of entries from the Reference Dictionary where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSUSE'. The entries are system defined for single-use breastpump, multi-use breastpump, and dual-use breastpump. The list will be displayed in alphabetic order. A selection is required from the control.

3.14.1.4 Sub-class Type Dropdown List

This control allows the user to assign a sub-class type to the new product. It will initially be blank. The control will be enabled when the Product dialog is active. It contains a list of entries from the Reference Dictionary where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSTYP'. The entries are system defined for manual breastpump and electric breastpump. The list will be displayed in alphabetic order. A selection is required from the control.

3.14.1.5 Manufacturer Dropdown List

This control allows the user to assign a manufacturer to the new product. It will initially be blank. The control will be enabled when the Product dialog is active. The dropdown list will contain entries from the Manufacturer table. The list will be sorted in alphabetic order. A selection is required in the control.

3.14.1.6 Add Manufacturer (…)

This control allows the user to add a new Manufacturer by invoking the Manufacturer dialog. The control will be enabled when the Product dialog is active.

3.14.1.7 Brand Dropdown List

This control allows the user to assign a brand to the new product. It will initially be blank. The control will be enabled when the Product dialog is active. The dropdown list will contain entries from the ManufacturerBrand table. The list will be sorted in alphabetic order. A selection is required in the control.

3.14.1.8 Add Brand (…)

This control allows the user to add a new Brand by invoking the Manufacturer Brand dialog. The control will be enabled when the Product dialog is active.

3.14.1.9 Type Dropdown List

This control allows the user to assign a brand type to the new product. It will initially be blank. The control will be enabled when the Product dialog is active. The dropdown list will contain entries from the ManufacturerBrandType table. The list will be sorted in alphabetic order. A selection is required in the control.

3.14.1.10 Add Type (…)

This control allows the user to add a new type by invoking the Brand Type dialog. The control will be enabled when the Product dialog is active.

3.14.1.11 Unit of Measure Dropdown List

This control allows the user to assign a product unit of measure to the new product. It will initially be blank. The control will be enabled when the Product dialog is active. The dropdown list will contain entries from the Reference Dictionary where the ReferenceDictionary.Category = 'INVPDCTUOM'. The list will be sorted in alphabetic order. A selection is required in the control.

3.14.1.12 OK Button

This control allows the user to add a new product to inventory. The OK button will be enabled when the Product dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.14.1.13 Cancel Button

This control allows the user to exit the Product dialog without saving the data. The Cancel button will be enabled when the Product dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.14.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Product dialog.

3.14.2.1 Initializing the Interface

Upon initial display of the Product dialog:

- The title bar text will be set to "Product".
- The following controls will initially be blank:
    - Class dropdown list
    - Sub-class dropdown list
    - Sub-class Use dropdown list
    - Sub-class Type dropdown list
    - Manufacturer dropdown list
    - Brand dropdown list
    - Type dropdown list

      o   Unit of Measure dropdown list

3.14.2.2 Edits

Upon selection of the OK button:

- When no selection is made in one of the controls listed below, the system will invoke a standard error message with the text, "A selection is required for the {control label}."
  - o Class dropdown list
  - o Sub-class dropdown list
  - o Sub-class Use dropdown list
  - o Sub-class Type dropdown list
  - o Manufacturer dropdown list
  - o Brand dropdown list
  - o Type dropdown list
  - o Unit of Measure dropdown list

3.14.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Add New Inventory dialog.

3.14.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Product dialog and return to the Add New Inventory dialog.

3.14.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Class	Product	Class	
Sub-class	Product	SubClass	
Sub-class use	Product	SubClassUse	
Sub-class use type	Product	SubClassType	
Manufacturer	Product	ManufacturerID	
Manufacturer Brand	Product	ManufacturerBrandID	

Manufacturer Brand Type	Product	ManufacturerBrand TypeID	
Unit of Measure	Product	UnitOfMeasure	
	Product	Status A=Availalable In Stock, U=Unavailable Out of Stock, D=Discontinued Item	

3.15 Manage Packaging Configurations

The Manage Packaging Configurations dialog allows the user to define, modify, or delete the packaging configurations. It is invoked when the user selects the Manage Packaging Configurations sub-menu item on the Manage Breastfeeding Inventory menu.

Figure 15 – Manage Package Configurations Dialog

3.15.1 Controls

This section describes the behavior of the controls on the Manage Packaging Configurations dialog.

3.15.1.1 Product Text and Value Label

This control allows the user to view the manufacturer, brand, type, and subclass use/type of the selected breastpump. It will display the product description concatenated from the Manufacturer, ManufacturerBrand, and ManufacturerBrandType tables for the product in the product table plus the descriptions from the ReferenceDictionary for 'INVPDCTSUBCLASSUSE' and 'INVPDCTSUBCLASSTYP'. The value label will display in the inverse color of the form.

3.15.1.2 Packaging Configurations List Grid

This control allows the user to add a new package configuration or select a package configuration to edit or delete. The control will be enabled when the Manage Package Configurations dialog is active. It will initially be filled with the available package configurations from the OrderPackage table. The entries in the list will be displayed in alphabetic order. The grid consists of the following columns:

- Packaging UOM
- # in Package
- Package Price (Estimated Price)

3.15.1.3 Add Button

This control allows the user to add a new package configuration by invoking the Packaging Configuration dialog in Add mode. The Add button will be enabled when the Manage Packaging Configurations dialog is active. Upon return from the Packaging Configuration dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "A".

Upon selection of the button, the system will check the permissions of the currently logged-on user to determine if they have the PurchaseOrder.Add or PurchaseOrder.FullControl permissions to update breastfeeding inventory data. If the user does not have either the PurchaseOrder.Add or the PurchaseOrder.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to add new packaging configurations. Please see the supervisor."

3.15.1.4 Edit Button

This control allows the user to edit packaging configurations appearing in the display grid. The Edit button will be enabled when the Manage Packaging Configurations dialog is active and an entry is selected in the display grid. It will have a mnemonic of "E".

Upon selection of the button, the system will check the permissions of the currently logged-on user to determine if they have the PurchaseOrder.Add or PurchaseOrder.FullControl permissions to update breastfeeding inventory data. If the user does not have either the PurchaseOrder.Add or the PurchaseOrder.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to edit packaging configurations. Please see the supervisor."

3.15.1.5 Delete Button

This control allows the user to delete packaging configuraitons appearing in the display grid. The Delete button will be enabled when the Manage Packaging Configurations dialog is active and an entry is selected in the display grid. It will have a mnemonic of "D".

Upon selection of the button, the system will check the permissions of the currently logged-on user to determine if they have the PurchaseOrder.Add or PurchaseOrder.FullControl permissions to update breastfeeding inventory data. If the user does not have either the PurchaseOrder.Add or the PurchaseOrder.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to delete a packaging configuration. Please see the supervisor."

3.15.1.6 Close Button

This control allows the user to exit the Manage Packaging Configurations dialog. The Close button will be enabled when the Manage Packaging Configurations dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.15.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Manage Packaging Configurations dialog.

3.15.2.1 Initializing the Interface

Upon initial display of the Manage Packaging Configurations dialog:

- The title bar text will be set to "Manage Packaging Configurations".
- The Package Configurations display grid will initially be filled with existing configurations from the OrderPackaging table. They will be displayed in alphabetical order.

3.15.2.2 Add Button

Upon selection of the Add button, the system will invoke the Packaging Configuration dialog described in this document dialog in Add mode. Upon returning to the Manage Packaging Configurations dialog, the display grid will be refreshed.

3.15.2.3 Edit Button

Upon selection of the Edit button, the system will invoke the Packaging Configuration dialog described in this document in Edit mode. Upon returning to the Manage Package Configurations dialog, the display grid will be refreshed.

3.15.2.4 Delete Button

Upon selection of the Delete button, the system will invoke a standard delete confirmation message dialog with the text "Are you sure you want to delete {Package UOM} {# in Package}?" The options of 'Yes' and 'No' will be available.

If the user selects the 'Yes' option, the system will check the permissions of the currently logged-on user to determine if they have the PurchaseOrder.FullControl permissions to delete breastfeeding inventory. If the user does not have PurchaseOrder.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to delete breastfeeding inventory. Please see the supervisor." If the user does have the appropriate permissions, the system will dismiss the delete confirmation dialog, delete the selected packaging configuration, and return the user to the Manage Packaging Configurations dialog. The display grid will be refreshed.

If the user selects the 'No' option, the system will dismiss the delete confirmation dialog and return the user to the Manage Packaging Configurations dialog with no changes to the data. The display grid will not be refreshed.

3.15.2.5 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Manage Packaging Configuration dialog.

3.15.2.6 Close Button

Upon selection of the Close button, the system will close the Packaging Configuration dialog and return to the calling program.

3.16 Packaging Configuration

The Packaging Configuration dialog allows the user to create a new package configuration or change an existing one. It is invoked in Add mode when the user selects the Add button on the Manage Packaging Configurations dialog described earlier in this document. It is invoked in Edit mode when the user selects the Edit button on the Manage Packaging Configurations dialog.

Figure 16 – Package Configuration Dialog

3.16.1 Controls

This section describes the behavior of the controls on the Packaging Configuration dialog.

3.16.1.1 Product Text and Value Label

This control allows the user to view the manufacturer, brand, type, and subclass use/type of the selected breastpump. It will display the product description concatenated from the Manufacturer, ManufacturerBrand, and ManufacturerBrandType tables for the product in the product table plus the descriptions from the ReferenceDictionary for 'INVPDCTSUBCLASSUSE' and 'INVPDCTSUBCLASSTYP'. The value label will display in the inverse color of the form.

3.16.1.2 Packaging Dropdown List

This control allows the user to select the unit of measure for this package. The control will be enabled when the Packaging Configuration dialog is active. It will be loaded with descriptions from the ReferenceDictionary for 'INVPDCTPKG'. The control will initially be blank. A selection is required in the control.

3.16.1.3 Number of Product Units in Package Masked Edit Box

This control allows the user to specify the number of units of the product contained in this package. The control will be enabled when the Packaging Configuration dialog is active. It will accept entry of six (6) numeric characters. It will initially be blank. An entry is required in the control.

3.16.1.4 Estimated Packaging Price

This control allows the user to specify the estimated price of the order packaging. The control will be enabled when the Packaging Configuration dialog is active. The mask on the control will be $#,###.##. It will initially be blank. An entry is required in the control.

3.16.1.5 OK Button

This control allows the user to save the package configuration to the database. The OK button will be enabled when the Packaging Configuration dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.16.1.6 Cancel Button

This control allows the user to exit the Packaging Configuration dialog without saving the data. The Cancel button will be enabled when the Packaging Configuration dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.16.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Packaging Configuration dialog.

3.16.2.1 Initializing the Interface

Upon initial display of the Packaging Configuration dialog:

- The title bar text will be set to "Packaging Configuration".
- The following controls will initially be blank:
    - Packaging
    - Number of Product Units in Package
    - Estimated Package Price

3.16.2.2 Edits

Upon selection of the OK button:

- When no entry is made in one of the controls listed below, the system will invoke a standard error message with the text, "An entry is required for the {control label}."
    - Number of Product Units in Package
    - Estimated Package Price
- When no selection is made in the Packaging, the system will invoke a standard error message with the text, "A selection is required in the Packaging."

3.16.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Manage Packaging Configurations dialog.

3.16.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Packaging Configuration dialog and return to the Manage Packaging Configurations dialog.

3.16.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Product	Order Packaging	ProductID	
Packaging	Order Packaging	Packaging	
Number of Product Units in Package	Order Packaging	PackageQuantity	
Estimated Packaging Price	Order Packaging	EstimatedPrice	

3.17 Supplier List

The Supplier List dialog allows the user to view suppliers. It is invoked when
the user selects the Supplier List sub-menu item from the Participant Folder,
Activities, Manage Breastfeeding Inventory menu item.
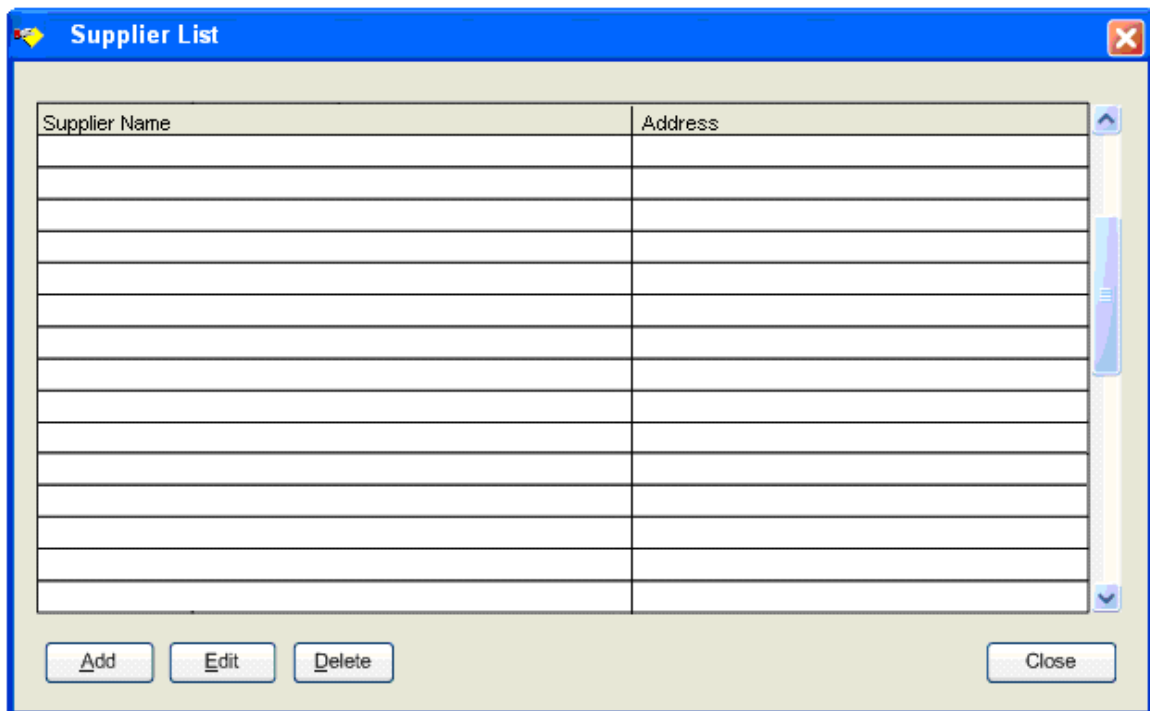
Figure 17 – Supplier List Dialog

3.17.1 Controls

This section describes the behavior of the controls on the Supplier List dialog.

3.17.1.1 Supplier List Grid

This control allows the user to view the suppliers. The grid will consist of
the following columns:

- Name
- Address
- Contact
- Telephone

An entry will be added to the grid for each supplier. The entries in the
grid will be displayed in ascending order by the supplier name column.
The values on the grid are read-only. The user may select a single entry
in the grid.

3.17.1.2 Add Button

This control allows the user to add new suppliers. It invokes the Add New Supplier dialog. The button is enabled when the Supplier List dialog is active. Upon return to the Supplier List dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "A".

3.17.1.3 Edit Button

This control allows the user to edit suppliers appearing in the display grid. The Edit button will be enabled when the Supplier List dialog is active and an entry is selected in the display grid. Upon return to the Supplier List dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "E".

3.17.1.4 Delete Button

This control allows the user to delete a supplier appearing in the display grid. The Delete button will be enabled when the Supplier List dialog is active and an entry is selected in the display grid. Upon return to the Supplier List, the system refreshes the display grid accordingly. It will have a mnemonic of "D".

3.17.1.5 Close Button

This control allows the user to exit the Supplier List dialog. The Close button will be enabled when the Supplier List dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.17.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Supplier List dialog.

3.17.2.1 Initializing the Interface

Upon initial display of the Supplier List dialog:

- The title bar text will be set to "Supplier List".
- The Supplier List grid will contain a list of all suppliers defined in the system.

3.17.2.2 Edits

A supplier cannot be deleted if it is associated with an order. If an order exists for the supplier, the system will display an error message with the text: "The supplier is associated with orders in the system and cannot be deleted."

3.17.2.3 Add Button

Upon selection of the Add button, the system will invoke the Supplier dialog in Add mode.

3.17.2.4 Edit Button

Upon selection of the Edit button, the system will invoke the Supplier dialog in Edit mode.

3.17.2.5 Delete Button

Upon selection of the Delete button, the system will check the permissions of the currently logged-on user to determine if they have the InventoryManagement.FullControl permissions to update breastfeeding inventory data. If the user does not have the InventoryManagement.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to delete a supplier. Please see the supervisor." If the user does have the InventoryManagement.FullControl permissions, the system will invoke a standard delete confirmation message dialog with the text "Are you sure you want to delete {Supplier Name}?" The options of 'Yes' and 'No' will be available.

If the user selects the 'Yes' option, the system will perform the edit to make sure no orders are associated with the supplier. Upon successful completion of the edit, the system will delete the selected supplier from the system and return the user to the Supplier List dialog. The search results grid will be refreshed.

If the user selects the 'No' option, the system will dismiss the message dialog without deleting and return the user to the Supplier List dialog.

3.17.2.6 Close Button

Upon selection of the Close button, the system will dismiss the Supplier List dialog and return to the calling dialog.

3.18 Supplier

The Supplier dialog allows the user to add a new suppler/distributor to order product or modify information related to an existing supplier/distributor.

It is invoked in Add mode when the user selects:

- The Add Supplier button on the Order dialog
- The Add Splr button on the Product dialog.
- The Add button on the Supplier List dialog

It is invoked in Edit mode when the user selects the Edit button on the Supplier List dialog.
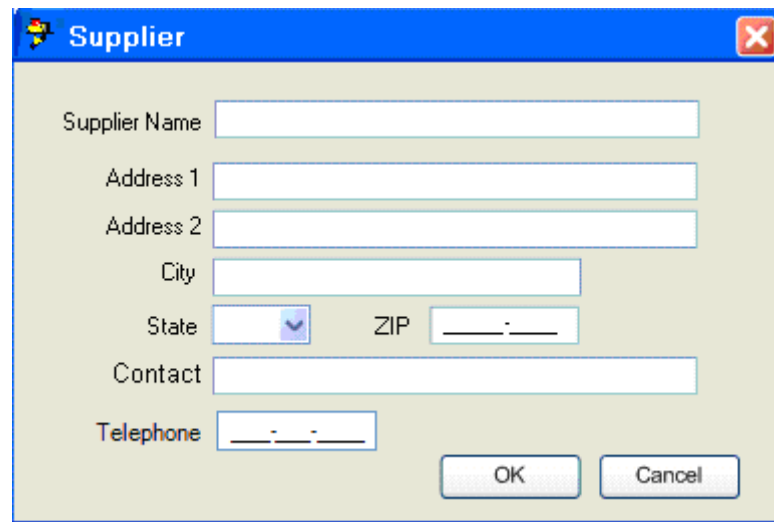
Figure 18 – Supplier Dialog

3.18.1 Controls

This section describes the behavior of the controls on the Supplier dialog.

3.18.1.1 Supplier Name Text Box

This control allows the user to enter the name of the Supplier. The control will be enabled when the Supplier dialog is active. The control allows entry of thirty (30) alphanumeric characters. In Add mode, it will initially be blank. In Edit mode, it will contain the name of the selected supplier. An entry is required in the Supplier.

3.18.1.2 Address1 Text Box

This control allows the user to enter the supplier's street address. The control will be enabled when the Supplier dialog is active. The control allows entry of fifty (50) alphanumeric characters. In Add mode, it will initially be blank. In Edit mode, it will contain the Address 1 value of the selected supplier.

3.18.1.3 Address2 Text Box

This control allows the user to specify additional address information. The control allows entry of fifty (50) alphanumeric characters. The control will be enabled when the Supplier dialog is active. In Add mode, it will initially be blank. In Edit mode, it will contain the Address 2 value of the selected supplier.

3.18.1.4 City Text Box

This control allows the user to specify the city portion of the supplier's address. The control allows entry of thirty (30) alphanumeric characters. The control will be enabled when the Supplier dialog is active. In Add mode, it will initially be blank. In Edit mode, it will contain the City for the selected supplier. An entry is required for the city.

3.18.1.5 State Dropdown List

This control allows the user to specify state portion of the supplier's address. The control will be enabled when the Supplier dialog is active. It will contain a list of state codes from the Reference Dictionary table. The list will be displayed in alphabetic order. In Add mode, it will initially be blank. In Edit mode, it will contain the State for the selected supplier. A selection is required for the state.

3.18.1.6 ZIP Code Masked Edit Box

This control allows the user to specify the ZIP code portion of the supplier's address. The control will be enabled when the Supplier dialog is active. The mask on the control will be in the form of *#####-####*. In Add mode, it will initially be blank. In Edit mode, it will contain the ZIP Code for the selected supplier. A complete 5-digit or 9-digit zip code is required. If any portion of the extension is entered, the full four characters are required. If only the 5-digit ZIP code is entered, the system will automatically fill the extension with zeros.

3.18.1.7 Contact Text Box

This control allows the user to enter the name of the person to contact. The control will be enabled when the Supplier dialog is active. The control allows entry of thirty (30) alphanumeric characters. In Add mode, it will initially be blank. In Edit mode, it will contain the Contact stored for the selected supplier.

3.18.1.8 Contact Telephone Masked Edit Box

This control allows the user to specify the contact telephone number. The control will be enabled when the Supplier dialog is active. The mask on the control will be in the form of *###-###-####*. In Add mode, it will initially be blank. In Edit mode, it will contain the Contact Telephone number stored for the selected supplier. A complete 10-digit number is required if any portion of the telephone number is entered.

3.18.1.9 OK Button

This control allows the user to save the new supplier name and address information. The OK button will be enabled when the Supplier dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.18.1.10 Cancel Button

This control allows the user to exit the Supplier dialog without saving the data. The Cancel button will be enabled when the Supplier dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.18.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Supplier dialog.

3.18.2.1 Initializing the Interface

Upon initial display of the Supplier dialog:

- The title bar text will be set to "Supplier".
- In Add mode, the following controls will initially be blank. In Edit mode, they will contain the values previously stored for the selected supplier:
    - Name
    - Address1
    - Address2
    - City
    - State
    - ZIP Code
    - Contact
    - Telephone

3.18.2.2 Edits

Upon selection of the OK button:

- When no entry is made in one of the controls listed below, the system will invoke a standard error message with the text, "An entry is required for the {Control Label}."
    - Name
    - Address1
    - City
    - ZIP Code
- When no selection is made in one of the controls listed below, the system will invoke a standard error message with the text, "A selection is required for the {Control Label}."
    - State
- If an incomplete 5-digit or 9-digit ZIP code is entered, the system will invoke a standard error message with the text "The ZIP code is invalid."

- When any portion of the telephone number is entered the system required the complete 10-digit number. If it is not entered, the system will invoke a standard error message with the text, "The {control label} is required."

3.18.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the calling dialog.

3.18.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Supplier dialog and return to the calling dialog.

3.18.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Supplier Name	ExternalVendor	Name	
Address 1	ExternalVendor	Mailing Address 1	
Address 2	ExternalVendor	Mailing Address 2	
City	ExternalVendor	MailingCity	
State	ExternalVendor	MailingStateCd	
Zip	ExternalVendor	MailingZipcode	
Contact	ExternalVendor	ContactName	
Telephone	ExternalVendor	ContactTelephone	

3.19 Location List

The Location List dialog allows the user to view Locations. It is invoked when the user selects the Location List sub-menu item from the Participant Folder, Activities, Manage Breastfeeding Inventory menu item.
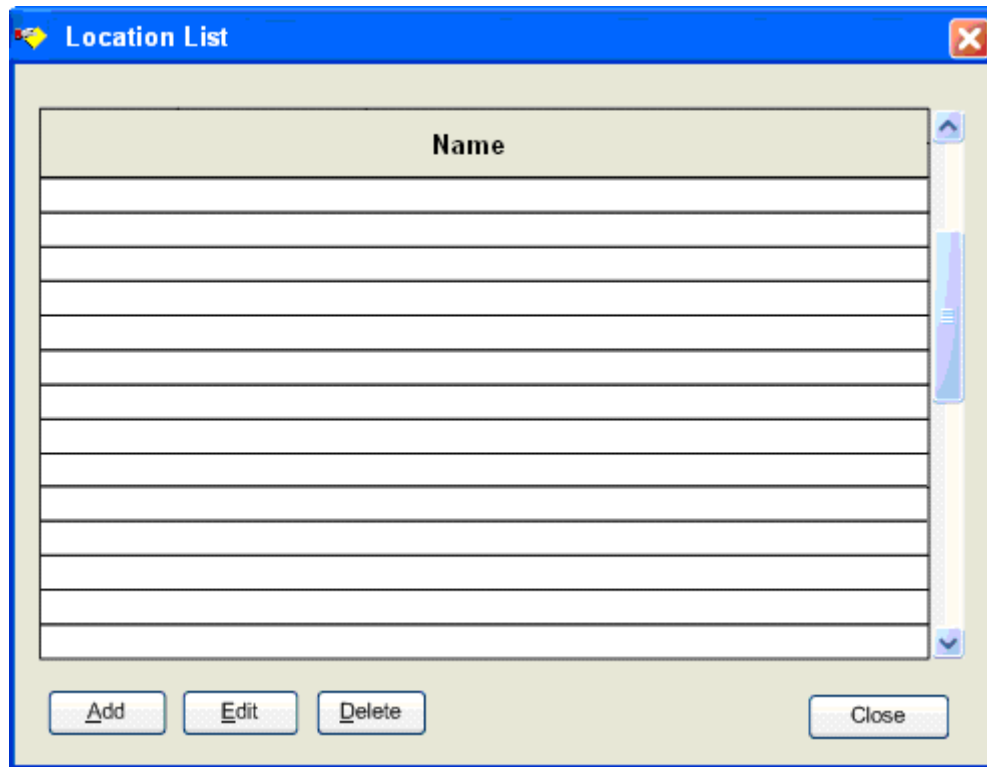
Figure 19 –Location List Dialog

3.19.1 Controls

This section describes the behavior of the controls on the Location List dialog.

3.19.1.1 Name List Grid

This control allows the user to view the list of locations. The grid will consist of the following columns:

- Name

An entry will be added to the grid for each location in the InventoryLocation table. The entries in the grid will be displayed in ascending order by the name column. The values on the grid are read-only. The user may select a single entry in the grid. The clinics are bridged to InventoryLocation through the Location table. If the Location is a clinic then LocationId is populated and Name is Null therefore display the clinic name, otherwise display the InventoryLocation Name.

3.19.1.2 Add Button

This control allows the user to add new locations. It invokes the Location dialog in Add mode. The button is enabled when the Location List dialog is active. Upon return to the Location List dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "A".

3.19.1.3 Edit Button

This control allows the user to edit locations appearing in the display grid. It invokes the Location dialog in Edit mode. The Edit button will be enabled when the Location List dialog is active and an entry is selected in the display grid. It will have a mnemonic of "E".

3.19.1.4 Delete Button

This control allows the user to delete a location appearing in the display grid. The Delete button will be enabled when the Location List dialog is active and an entry is selected in the display grid. It will have a mnemonic of "D".

3.19.1.5 Close Button

This control allows the user to exit the Location List dialog. The Close button will be enabled when the Location List dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.19.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Location List dialog.

3.19.2.1 Initializing the Interface

Upon initial display of the Location List dialog:

- The title bar text will be set to "Location List".
- The name list grid will contain a list of all locations defined to the system (InventoryLocation table).

3.19.2.2 Edits

If a product is associated with the selected location, the location cannot be deleted.

3.19.2.3 Add Button

Upon selection of the Add button, the system will invoke the Location dialog in Add mode.

3.19.2.4 Edit Button

Upon selection of the Edit button, the system will invoke the Location dialog in Edit mode when the location is not a clinic. The Location dialog will be invoked in View mode when the location is a clinic.

3.19.2.5 Delete Button

Upon selection of the Delete button, the system will check the permissions of the currently logged-on user to determine if they have the InventoryManagement.FullControl permissions to update breastfeeding inventory data. If the user does not have the InventoryManagement.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to delete a location. Please see the supervisor." If the user does have the InventoryManagement.FullControl permissions, the system will invoke a standard delete confirmation message dialog with the text "Are you sure you want to delete {Location Name}?" The options of 'Yes' and 'No' will be available.

If the user selects the 'Yes' option, the system will perform the edit to make sure no products are associated with the location. Upon successful completion of the edit, the system will delete the selected location from the system and return the user to the Location List dialog. The search results grid will be refreshed.

If the user selects the 'No' option, the system will dismiss the message dialog without deleting and return the user to the Location List dialog.

3.19.2.6 Close Button

Upon selection of the Close button, the system will dismiss the Location List dialog and return to the calling dialog.

3.19.2.7 Data Map

Control Label	Entity	Attribute	Business Rule Applicable

3.20 Location

The Location dialog allows the user to add a new location or edit information associated with an existing location. It is invoked in Add mode when the user selects the Add button on the Location List dialog. It is invoked in Edit mode when the user selects the Edit button on the Location List dialog when the location is not a clinic. It is invoked in View mode when the user selects the Edit button on the Location List dialog and the location is a clinic.
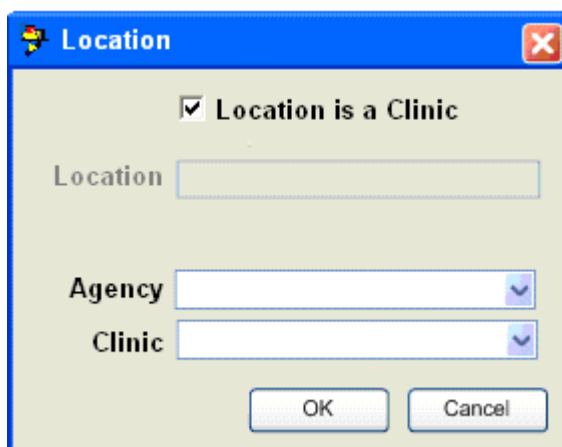
Figure 20 – Location Dialog (Location is a Clinic) Add Mode
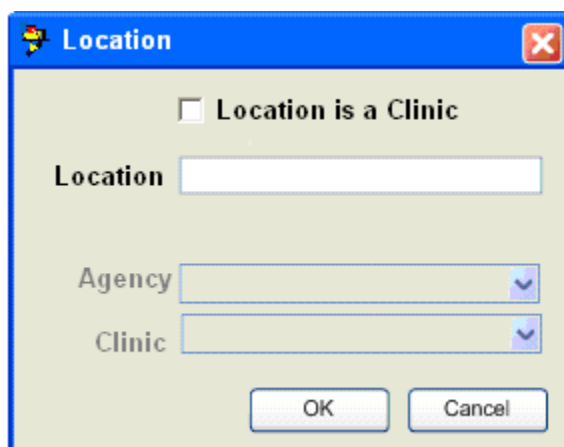
Figure 21 - Location Dialog (Location is not a Clinic) Add Mode

3.20.1 Controls

This section describes the behavior of the controls on the Location dialog.

3.20.1.1 Location is a Clinic Check Box

This control allows the user to indicate whether the location is a clinic or not. The check box will be enabled and initially checked when the Location dialog is active in Add mode. The check box will be set to the previously saved value and will be grayed and disabled in Edit mode.

3.20.1.2 Location Text Box

This control allows the user to enter the name of a new location or edit the name of an existing location if the location is not a clinic. It will be enabled when the Location dialog is active and the Location is a Clinic check box is not checked. It will be disabled when the Location is a Clinic check box is checked. The control will allow entry of eighty (80) alphanumeric characters and special characters (',.-/). In Add mode, the control will initially be blank. In Edit mode, it will contain the location name previously saved.

3.20.1.3 Agency Dropdown List

This control allows the user to select the agency portion of the location. The control will be enabled when the Location dialog is active and the Location is a Clinic check box is checked. In Add mode, the control will initially contain a list of all agencies. No agency will be selected. In Edit mode, it will contain the agency name previously saved. The control will be disabled in Edit mode. When the Agency is changed, the Clinic dropdown list will be refreshed.

3.20.1.4 Clinic Dropdown List

This control allows the user to specify the clinic portion of the location. The control will be enabled when the Location dialog is active. In Add mode, the control will filled with the clinic names associated with the selected agency. If an agency has not been selected, it will be blank. In Edit mode, it will contain the clinic name previously saved. The clinics are bridged to InventoryLocation through the Location table.

3.20.1.5 OK Button

This control allows the user to save the new or changed location. The OK button will be enabled when the Location dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.20.1.6 Cancel Button

This control allows the user to exit the Location dialog without saving the data. The Cancel button will be enabled when the Location dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.20.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Location dialog.

3.20.2.1 Initializing the Interface

Upon initial display of the Location dialog:

- The title bar text will be set to "Location".

- If the Location is a Clinic check box is unchecked in Add mode, the location name will initially be blank. In Edit mode, the Location name will contain the previously saved value and be view only.
- If the Location is a Clinic check box is checked in Add mode, the Agency will initially contain a list of agency names. None will be selected. In Edit mode, the agency dropdown will contain the previously saved value and will be disabled.

3.20.2.2 Edits

Upon selection of the OK button:

If the Location is a Clinic check box is unchecked and no entry is made in the Location Name, the system will invoke a standard error message with the text, "An entry is required for the Location name."

If the Location is a Clinic check box is checked and no selection is made in either the Agency or Clinic dropdown list, the system will invoke a standard error message with the text, "A selection is required for the {control label}."

3.20.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Location List dialog.

3.20.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Location dialog and return to the Location List dialog.

3.20.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
	InventoryLocation	When the Location is a Clinic check box is checked, LocationID= Location.LocationID for the selected agency and clinic. When the Location is a Clinic check box is not checked, LocationID is Null	

Name	InventoryLocation	When the Location is a Clinic check box is not checked, Name = Name When the Location is a Clinic check box is checked, Name is Null	
Location is a Clinic	InventoryLocation	LocationIsClinic = Y if checked; else N	

3.21 Manufacturer List

The Manufacturer List dialog allows the user to view manufacturers. It is invoked when the user selects the Manufacturer List sub-menu item from the Participant Folder, Activities, Manage Breastfeeding Inventory menu item.

Figure 22 –Manufacturer List Dialog

3.21.1 Controls

This section describes the behavior of the controls on the Manufacturer List dialog.

3.21.1.1 Manufacturer List Grid

This control allows the user to view the manufacturers. The grid will consist of the following columns:

- Manufacturer Name
- Address (concatenated address, city, state)

An entry will be added to the grid for each manufacturer. The entries in the grid will be displayed in ascending order by the manufacturer name column. The values on the grid are read-only. The user may select a single entry in the grid.

3.21.1.2 Add Button

This control allows the user to add new manufacturers. It invokes the Manufacturer dialog in Add mode. The button is enabled when the Manufacturer List dialog is active. Upon return to the Manufacturer List dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "A".

3.21.1.3 Edit Button

This control allows the user to edit manufacturers appearing in the display grid. It invokes the Manufacturer dialog in Edit mode. The Edit button will be enabled when the Manufacturer List dialog is active and an entry is selected in the display grid. It will have a mnemonic of "E".

3.21.1.4 Delete Button

This control allows the user to delete a manufacturer appearing in the display grid. The Delete button will be enabled when the Manufacturer List dialog is active and an entry is selected in the display grid. It will have a mnemonic of "D".

3.21.1.5 Close Button

This control allows the user to exit the Manufacturer List dialog. The Close button will be enabled when the Manufacturer List dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.21.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Manufacturer List dialog.

3.21.2.1 Initializing the Interface

Upon initial display of the Manufacturer List dialog:

- The title bar text will be set to "Manufacturer List".
- The Manufacturer List grid will contain a list of all the manufacturers defined to the system.

3.21.2.2 Edits

- A manufacturer cannot be deleted if it is associated with a product. If a product exists for the manufacturer, the system will display an error message with the text: "The manufacturer is associated with products in the system and cannot be deleted."

3.21.2.3 Add Button

Upon selection of the Add button, the system will invoke the Manufacturer dialog in Add mode.

3.21.2.4 Edit Button

Upon selection of the Edit button, the system will invoke the
Manufacturer dialog in Edit mode.

3.21.2.5 Delete Button

Upon selection of the Delete button, the system will check the permissions
of the currently logged-on user to determine if they have the
InventoryManagement.FullControl permissions to update breastfeeding
inventory data. If the user does not have the
InventoryManagement.FullControl permissions, the system will invoke a
standard error message with the text "You do not have the necessary
permissions to delete a manufacturer. Please see the supervisor." If the
user does have the InventoryManagement.FullControl permissions, the
system will invoke a standard delete confirmation message dialog with
the text "Are you sure you want to delete {Manufacturer Name}?" The
options of 'Yes' and 'No' will be available.

If the user selects the 'Yes' option, the system will perform the edit to
make sure no products are associated with the manufacturer. Upon
successful completion of the edit, the system will delete the selected
manufacturer from the system and return the user to the Manufacturer
List dialog. The search results grid will be refreshed.

If the user selects the 'No' option, the system will dismiss the message
dialog without deleting and return the user to the Manufacturer List
dialog.

3.21.2.6 Close Button

Upon selection of the Close button, the system will dismiss the
Manufacturer List dialog and return to the calling dialog.

3.21.2.7 Data Map

Control Label	Entity	Attribute	Business Rule Applicable

3.22 Manufacturer

The Manufacturer dialog allows the user to add a new manufacturer or edit information associated with an existing manufacturer.

It is invoked in Add mode when the user selects:

- The Add Manufacturer button on the Order dialog
- The Add Mfr button on the Product dialog.
- The Add button on the Manufacturer List dialog

It is invoked in Edit mode when the user selects the Edit button on the Manufacturer List dialog.
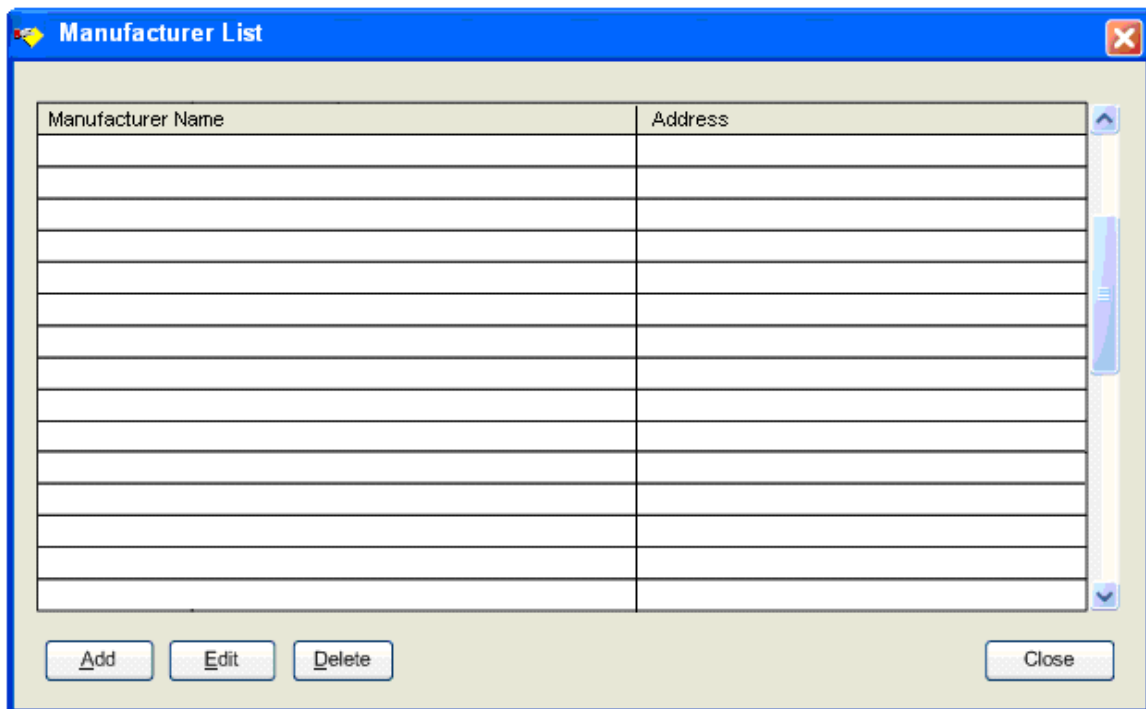

Figure 23 – Manufacturer Dialog

3.22.1 Controls

This section describes the behavior of the controls on the Manufacturer dialog.

3.22.1.1 Manufacturer Name Text Box

This control allows the user to enter the name of the Manufacturer. The control will be enabled when the Manufacturer dialog is active. The control allows entry of thirty (30) alphanumeric characters. In Add mode, it will initially be blank. In Edit mode, it will contain the manufacturer name of the selected manufacturer. An entry is required in the Manufacturer.

3.22.1.2 Address1 Text Box

This control allows the user to enter the manufacturer's street address. The control will be enabled when the Manufacturer dialog is active. The control allows entry of fifty (50) alphanumeric characters. In Add mode, it will initially be blank. In Edit mode, it will contain the value of Address 1 associated with the selected manufacturer.

3.22.1.3 Address2 Text Box

This control allows the user to specify additional address information. The control will be enabled when the Manufacturer dialog is active. The control allows entry of fifty (50) alphanumeric characters. In Add mode, it will initially be blank. In Edit mode, it will contain the value of Address 2 associated with the selected manufacturer.

3.22.1.4 City Text Box

This control allows the user to specify the city portion of the manufacturer's address. The control will be enabled when the Manufacturer dialog is active. The control allows entry of thirty (30) alphanumeric characters. In Add mode, it will initially be blank. In Edit mode, it will contain the City associated with the selected manufacturer. An entry is required for the city.

3.22.1.5 State Dropdown List

This control allows the user to specify state portion of the manufacturer's address. The control will be enabled when the Manufacturer dialog is active. It will contain a list of state codes from the ReferenceDictionary table. The list will be displayed in alphabetic order. In Add mode, it will initially be blank. In Edit mode, it will contain the State associated with the selected manufacturer. A selection is required for the state.

3.22.1.6 ZIP Code Masked Edit Box

This control allows the user to specify the ZIP code portion of the manufacturer's address. The control will be enabled when the Manufacturer dialog is active. The mask on the control will be in the form of #####-####. In Add mode, it will initially be blank. In Edit mode, it will contain the ZIP code associated with the selected manufacturer. A complete 5-digit or 9-digit zip code is required. If any portion of the extension is entered, the full four characters are required. If only the 5-digit ZIP code is entered, the system will automatically fill the extension with zeros.

3.22.1.7 OK Button

This control allows the user to save the new manufacturer name and address information. The OK button will be enabled when the Manufacturer dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.22.1.8 Cancel Button

This control allows the user to exit the Manufacturer dialog without saving the data. The Cancel button will be enabled when the Manufacturer dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.22.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Manufacturer dialog.

3.22.2.1 Initializing the Interface

Upon initial display of the Manufacturer dialog:

- The title bar text will be set to "Manufacturer".
- In Add mode, the following controls will initially be blank. In Edit mode, they will contain the values associated with the selected manufacturer:
    o Name
    o Address1
    o Address2
    o City
    o State
    o ZIP Code

3.22.2.2 Edits

Upon selection of the OK button:

- When no entry is made in one of the controls listed below, the system will invoke a standard error message with the text, "An entry is required for the {Control Label}."
    o Name
    o Address1
    o City
    o ZIP Code
- When no selection is made in one of the controls listed below, the system will invoke a standard error message with the text, "A selection is required for the {Control Label}."
    o State
- If an incomplete 5-digit or 9-digit ZIP code is entered, the system will invoke a standard error message with the text "The ZIP code is invalid."

3.22.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the calling dialog.

3.22.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Manufacturer dialog and return to the calling dialog.

3.22.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Manufacturer Name	Manufacturer	Name	
Address 1	Manufacturer	Mailing Address 1	
Address 2	Manufacturer	Mailing Address 2	
City	Manufacturer	MailingCity	
State	Manufacturer	MailingStateCd	
Zip	Manufacturer	MailingZipcode	

3.23 Manufacturer Brand List

The Manufacturer Brand List dialog allows the user to view manufacturer brands. It is invoked when the user selects the Manufacturer Brand List submenu item from the Participant Folder, Activities, Manage Breastfeeding Inventory menu item.

Figure 24 –Manufacturer Brand List Dialog

3.23.1 Controls

This section describes the behavior of the controls on the Manufacturer Brand List dialog.

3.23.1.1 Manufacturer Brand List Grid

This control allows the user to view the manufacturer brands. The grid will consist of the following columns:

- Manufacturer Brand Name
- Manufacturer Name

An entry will be added to the grid for each manufacturer brand. The entries in the grid will be displayed in ascending order by the manufacturer brand name column. The values on the grid are read-only. The user may select a single entry in the grid.

3.23.1.2 Add Button

This control allows the user to add new manufacturer brands. It invokes the Manufacturer Brand dialog in Add mode. The button is enabled when the Manufacturer Brand List dialog is active. Upon return to the Manufacturer Brand List dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "A".

3.23.1.3 Edit Button

This control allows the user to edit manufacturer brands appearing in the display grid. It invokes the Manufacturer Brand dialog in Edit mode. The Edit button will be enabled when the Manufacturer Brand List dialog is active and an entry is selected in the display grid. It will have a mnemonic of "E".

3.23.1.4 Delete Button

This control allows the user to delete a manufacturer brand appearing in the display grid. The Delete button will be enabled when the Manufacturer Brand List dialog is active and an entry is selected in the display grid. It will have a mnemonic of "D".

3.23.1.5 Close Button

This control allows the user to exit the Manufacturer Brand List dialog. The Close button will be enabled when the Manufacturer Brand List dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.23.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Manufacturer Brand List dialog.

3.23.2.1 Initializing the Interface

Upon initial display of the Manufacturer Brand List dialog:

- The title bar text will be set to "Manufacturer Brand List".
- The manufacturer brand list grid will contain a list of all manufacturer brands defined to the system.

3.23.2.2 Edits

If a product is associated with the selected manufacturer brand, the brand cannot be deleted.

3.23.2.3 Add Button

Upon selection of the Add button, the system will invoke the Manufacturer Brand dialog in Add mode.

3.23.2.4 Edit Button

Upon selection of the Edit button, the system will invoke the Manufacturer Brand dialog in Edit mode.

3.23.2.5 Delete Button

Upon selection of the Delete button, the system will check the permissions of the currently logged-on user to determine if they have the InventoryManagement.FullControl permissions to update breastfeeding inventory data. If the user does not have the InventoryManagement.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to delete a manufacturer brand. Please see the supervisor." If the user does have the InventoryManagement.FullControl permissions, the system will invoke a standard delete confirmation message dialog with the text "Are you sure you want to delete {Manufacturer Brand Name}?" The options of 'Yes' and 'No' will be available.

If the user selects the 'Yes' option, the system will perform the edit to make sure no products are associated with the manufacturer brand. Upon successful completion of the edit, the system will delete the selected manufacturer brand from the system and return the user to the Manufacturer Brand List dialog. The search results grid will be refreshed.

If the user selects the 'No' option, the system will dismiss the message dialog without deleting and return the user to the Manufacturer Brand List dialog.

3.23.2.6 Close Button

Upon selection of the Close button, the system will dismiss the Manufacturer Brand List dialog and return to the calling dialog.

3.23.2.7 Data Map

Control Label	Entity	Attribute	Business Rule Applicable

3.24 Manufacturer Brand

The Manufacturer Brand dialog allows the user to add a new brand or edit information associated with an existing brand. It is invoked in Add mode when the user selects the Add Brand button on the Product dialog or the Add button on the Manufacturer Brand List dialog. It is invoked in Edit mode when the user selects the Edit button on the Manufacturer Brand List dialog.

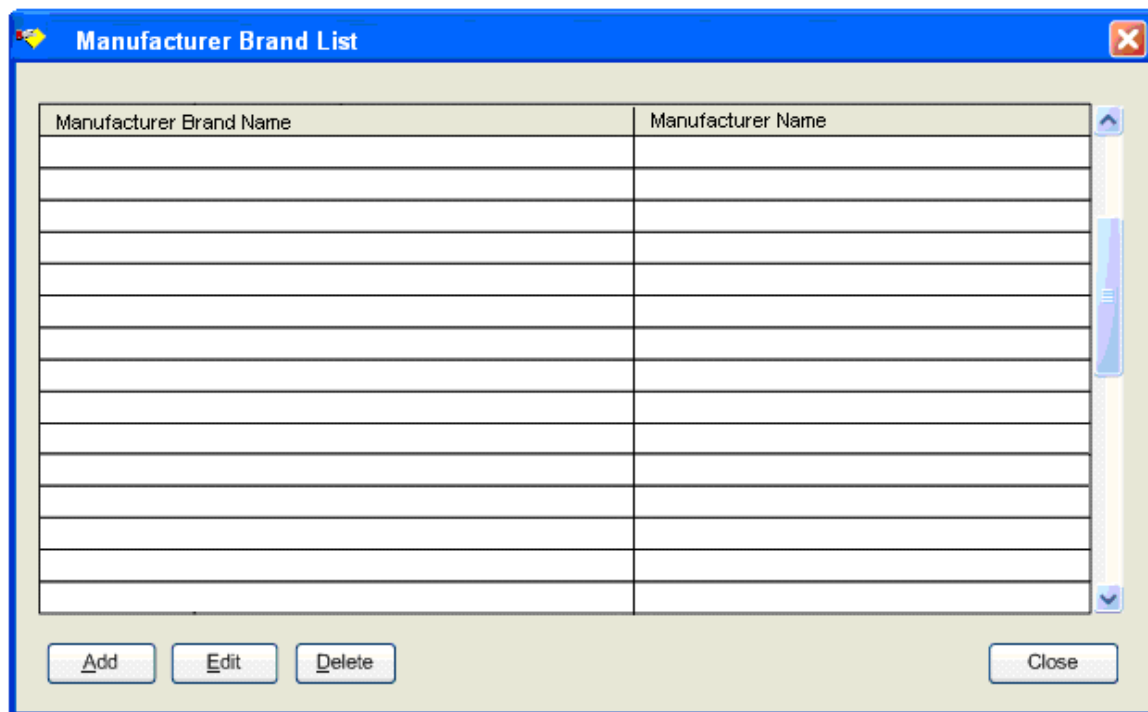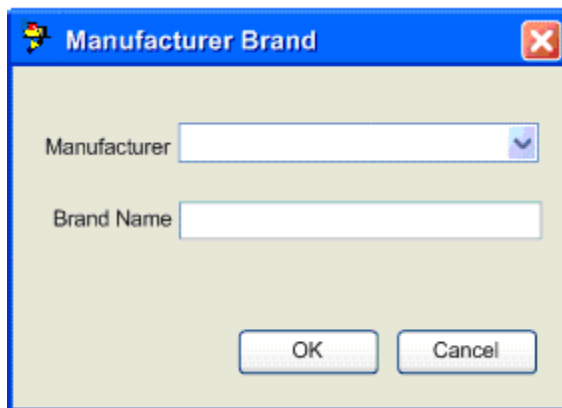**Figure 25 – Manufacturer Brand Dialog**

3.24.1 Controls

This section describes the behavior of the controls on the Manufacturer Brand dialog.

3.24.1.1 Manufacturer Name Dropdown List

This control allows the user to select the manufacturer of the new brand. It will be enabled when the Manufacturer Brand dialog is active in Add mode from the Manufacturer Brand List dialog.   If the manufacturer name is passed in from the Product dialog, this control will be disabled in Add mode and contains the manufacturer name. It will be disabled and allow the user to view the manufacturer when the dialog is in Edit mode.

3.24.1.2 Brand Name Text Box

This control allows the user to specify the new brand name or modify the selected brand name. The control will be enabled when the Manufacturer Brand dialog is active. The control will allow entry of thirty (30) alphanumeric characters. In Add mode, the control will initially be blank. In Edit mode, it will contain the brand name previously saved.

3.24.1.3 OK Button

This control allows the user to save the new or changed brand. The OK button will be enabled when the Manufacturer Brand dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.24.1.4 Cancel Button

This control allows the user to exit the Manufacturer Brand dialog without saving the data. The Cancel button will be enabled when the Manufacturer Brand dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.24.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Manufacturer Brand dialog.

3.24.2.1 Initializing the Interface

Upon initial display of the Manufacturer Brand dialog:

- The title bar text will be set to "Manufacturer Brand".
- In Add mode, the Manufacturer name will initially be blank when coming from the Manufacturer Brand List dialog. In Add mode, if coming from the Product dialog, it will contain the Manufacturer name passed in and be view only. In Edit mode, the Manufacturer name will contain the previously saved value and be view only.
- In Add mode, the Brand Name will initially be blank. In Edit mode, the Brand Name will contain the previously saved value.

3.24.2.2 Edits

Upon selection of the OK button:

When no entry is made in the Brand Name, the system will invoke a standard error message with the text, "An entry is required for the Brand name."

3.24.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Product dialog.

3.24.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Manufacturer Brand dialog and return to the Product dialog.

3.24.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Brand Name	ManufacturerBrand	Description	

Manufacturer	ManufacturerBrand	ManufacturerID	

3.25 Manufacturer Brand Type List

The Manufacturer Brand Type List dialog allows the user to view manufacturer brand types. It is invoked when the user selects the Manufacturer Brand Type List sub-menu item from the Participant Folder, Activities, Manage Breastfeeding Inventory menu item.
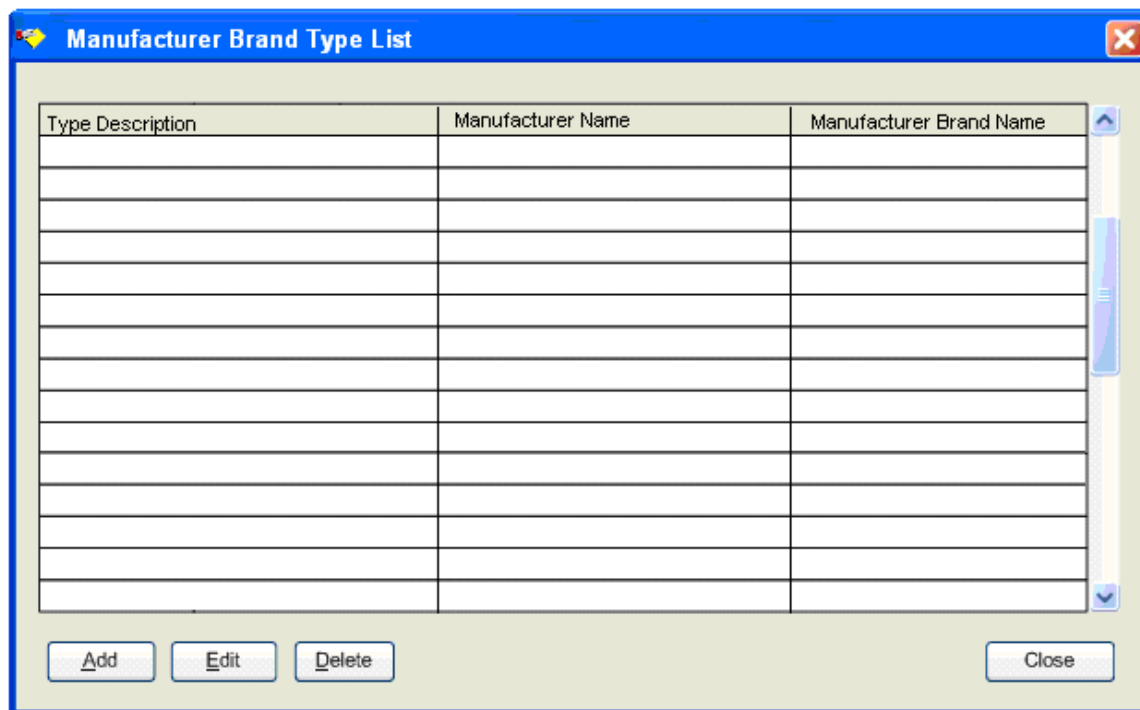
Figure 26 –Manufacturer Brand Type List Dialog

3.25.1 Controls

This section describes the behavior of the controls on the Manufacturer Brand Type List dialog.

3.25.1.1 Manufacturer Type List Grid

This control allows the user to view the manufacturer brand types. The grid will consist of the following columns:

- [Manufacturer Brand] Type Description
- Manufacturer Name
- Manufacturer Brand Name

An entry will be added to the grid for each manufacturer brand type. The entries in the grid will be displayed in ascending order by the manufacturer brand type description column. The values on the grid are read-only. The user may select a single entry in the grid.

3.25.1.2 Add Button

This control allows the user to add new manufacturer brand types. It invokes the Brand Type dialog in Add mode. The button is enabled when the Manufacturer Brand Type List dialog is active. Upon return to the Manufacturer Brand Type List dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "A".

3.25.1.3 Edit Button

This control allows the user to edit manufacturer brand types appearing in the display grid. It invokes the Brand Type dialog in Edit mode. The Edit button will be enabled when the Manufacturer Brand Type List dialog is active and an entry is selected in the display grid. Upon return to the Manufacturer Brand Type List dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "E".

3.25.1.4 Delete Button

This control allows the user to delete a manufacturer brand type appearing in the display grid. The Delete button will be enabled when the Manufacturer Brand Type List dialog is active and an entry is selected in the display grid. Upon return to the Manufacturer Brand Type List dialog, the system refreshes the display grid accordingly. It will have a mnemonic of "D".

3.25.1.5 Close Button

This control allows the user to exit the Manufacturer Brand Type List dialog. The Close button will be enabled when the Manufacturer Brand Type List dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.25.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Manufacturer Brand Type List dialog.

3.25.2.1 Initializing the Interface

Upon initial display of the Manufacturer Brand Type List dialog:

- The title bar text will be set to "Manufacturer Brand Type List".
- The Manufacturer Brand Type List grid will contain a list of allthe manufacturer brand types defined to the system.

3.25.2.2 Edits

If a product is associated with the selected manufacturer brand type, the brand type cannot be deleted.

3.25.2.3 Add Button

Upon selection of the Add button, the system will invoke the Brand Type dialog in Add mode.

3.25.2.4 Edit Button

Upon selection of the Edit button, the system will invoke the Brand Type dialog in Edit mode.

3.25.2.5 Delete Button

Upon selection of the Delete button, the system will check the permissions of the currently logged-on user to determine if they have the InventoryManagement.FullControl permissions to update breastfeeding inventory data. If the user does not have the InventoryManagement.FullControl permissions, the system will invoke a standard error message with the text "You do not have the necessary permissions to delete a manufacturer brand type. Please see the supervisor." If the user does have the InventoryManagement.FullControl permissions, the system will invoke a standard delete confirmation message dialog with the text "Are you sure you want to delete {Manufacturer Brand Type Name}?" The options of 'Yes' and 'No' will be available.

If the user selects the 'Yes' option, the system will perform the edit to make sure no products are associated with the manufacturer brand type. Upon successful completion of the edit, the system will delete the selected manufacturer brand type from the system and return the user to the Manufacturer Brand Type List dialog. The search results grid will be refreshed.

If the user selects the 'No' option, the system will dismiss the message dialog without deleting and return the user to the Manufacturer Brand Type List dialog.

3.25.2.6 Close Button

Upon selection of the Close button, the system will dismiss the Manufacturer Brand Type List dialog and return to the calling dialog.

3.25.2.7 Data Map

Control Label	Entity	Attribute	Business Rule Applicable

3.26 Brand Type

The Brand Type dialog allows the user to add a new brand type or modify an existing brand type. It is invoked in Add mode when the user selects the Add Type button on the Product dialog or the Add button on the Manufacturer Brand Type List dialog. It is invoked in Edit mode when the user selects the Edit button on the manufacturer Brand Type List dialog.
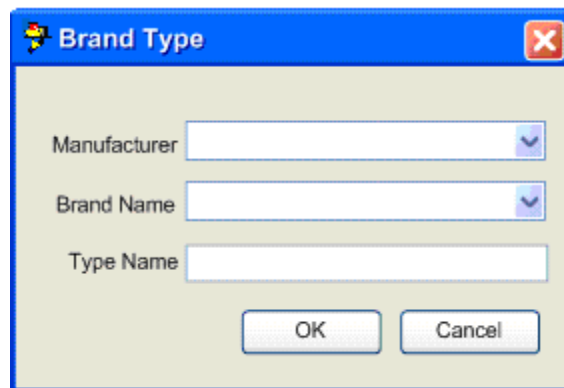
Figure 27 – Brand Type Dialog

3.26.1 Controls

This section describes the behavior of the controls on the Brand Type dialog.

3.26.1.1 Manufacturer Dropdown List

This control allows the user to select the manufacturer of the new brand. It will be enabled when the Manufacturer Brand Type dialog is active in Add mode from the Manufacturer Brand Type List dialog.   If the manufacturer name is passed in from the Product dialog, this control will be disabled in Add mode and contains the manufacturer name. It will be disabled and allow the user to view the manufacturer when the dialog is in Edit mode.

3.26.1.2 Brand Name Dropdown List

This control allows the user to select the brand name of the new brand type. It will be enabled when the Brand Type dialog is active in Add mode from the Manufacturer Brand Type List dialog.   If the brand name is passed in from the Product dialog, this control will be disabled in Add mode and contains the brand name. It will be disabled and allow the user to view the brand when the dialog is in Edit mode.

3.26.1.3 Type Name Text Box

This control allows the user to specify the type name being added or to modify the existing type name. The control will be enabled when the Brand Type dialog is active. The control will allow entry of thirty (30) alphanumeric characters. In Add mode, the control will initially be blank. In Edit mode, the control will contain the value of the previously saved entry. An entry is required in the control.

3.26.1.4 OK Button

This control allows the user to save a new brand type or a modified brand type. The OK button will be enabled when the Brand Type dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.26.1.5 Cancel Button

This control allows the user to exit the Brand Type dialog without saving the data. The Cancel button will be enabled when the Brand Type dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.26.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Brand Type dialog.

3.26.2.1 Initializing the Interface

Upon initial display of the Brand Type dialog:

- The title bar text will be set to "Brand Type".
- In Add mode, the Manufacturer name will initially be blank when coming from the Manufacturer Brand Type List dialog. In Add mode, if coming from the Product dialog, it will contain the Manufacturer name passed in and be view only. In Edit mode, the Manufacturer name will contain the previously saved value and be view only.
- In Add mode, the Brand Name will initially be blank when coming from the Manufacturer Brand Type List dialog. In Add mode, if coming from the Product dialog, it will contain the Brand name passed in and be view only. In Edit mode, the Brand Name will contain the previously saved value and will be view only.
- In Add mode, the Type Name will initially be blank. In Edit mode, the Type Name will contain the previously saved value.

3.26.2.2 Edits

Upon selection of the OK button:

- When no entry is made in the Type name, the system will invoke a standard error message with the text, "An entry is required for the Type Name."

3.26.2.3 Saving the Data

Upon successful completion of the above-listed edits, the system will save the values to the database as defined in the Data Map below. The system will return to the Product dialog.

3.26.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Brand Type dialog and return to the Product dialog.

3.26.2.5 Data Map

Control Label	Entity	Attribute	Business Rule Applicable
Type Name	ManufacturerBrand Type	Description	
Brand Name	ManufacturerBrand Type	ManufacturerBrandID	

3.27 Complete Order

The Complete Order dialog allows the user to approve and confirm the order. It is invoked when the user selects the Print Order button on the Manage Orders or the Order dialog if the order is a pending new order.

Figure 28 – Complete Order Dialog

3.27.1 Controls

This section describes the behavior of the controls on the Complete Order dialog.

3.27.1.1 Yes Button

This control allows the user to complete the order. The YES button will be enabled when the Complete Order dialog is active.

3.27.1.2 No Button

This control allows the user to exit the Complete Order dialog without completing the order. The No button will be enabled when the Print Order dialog is active. It is the default button.

3.27.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Complete Order dialog.

3.27.2.1 Initializing the Interface

Upon initial display of the Complete Order dialog:

- The title bar text will be set to "Complete Order".
- The text will be set to
  - o "The selected order is a new order. You need to approve and confirm the order to indicate that it is complete. Once confirmed the order is active and will be filled. Select No to leave the order pending. Select Yes to complete the order. "Are you ready to approve and confirm this order?"

3.27.2.2 Edits

No edits take place on this dialog.

3.27.2.3 Yes

Upon selection of the Yes button, the system will update the order status. The user will be returned to the calling dialog.

3.27.2.4 No

Upon selection of the No button, the system will dismiss the Complete Order dialog and return to the calling dialog.

3.28 Print Order

The Print Order dialog allows the user to generate a printed order. It is invoked when the user selects the Print Order button on the Manage Orders or the Order dialog.
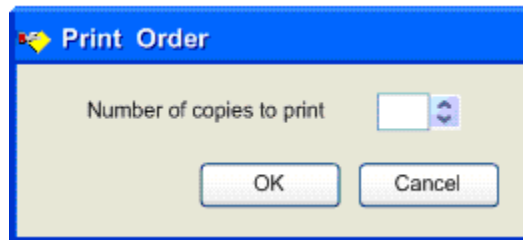
Figure 29 – Print Order Dialog

3.28.1 Controls

This section describes the behavior of the controls on the Print Order dialog.

3.28.1.1 Number of Copies to Print Spin Control

This control allows the user to select the number of copies of the order are to be printed. The control will be enabled when the Print Order dialog is active. It will initially be defaulted to 1. Selecting the increase or decrease arrows will cause the number of copies to be increased or decreased by 1. A selection is required in the Number of Copies to Print.

3.28.1.2 OK Button

This control allows the user to send the print request for generating the order. The OK button will be enabled when the Print Order dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.28.1.3 Cancel Button

This control allows the user to exit the Print Order dialog without saving the item into inventory. The Cancel button will be enabled when the Print Order dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.28.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Print Order dialog.

3.28.2.1 Initializing the Interface

Upon initial display of the Print Order dialog:

- The title bar text will be set to "Print Order".
- The Number of Copies to Print will initially be set to "1".

3.28.2.2 Edits

Since no data is being saved to the database, no edits take place on this dialog.

3.28.2.3 OK

Upon selection of the OK button, the system will print the selected number of copies of the order. The user will be returned to the calling dialog.

3.28.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Print Order dialog and return to the calling dialog.

3.29 Order (Output)

An Order Form is automatically generated when the user selects the OK button on the Print Order.

```
                                <State Name Department of Health>                    Run Date: XX/XX/XXXX
                                         Order Form                                  Run Time:   XX:XX:XX
                                             WIC                                     Page:           XXX

Order Date:    11/19/2004
Order Number:  002323

<Supplier/Distributor Name>
<Supplier/Distributor Address 1>
<Supplier/Distributor Address 2>
<Supplier/Distributor City, ST Zip>
<Supplier/Distributor Telephone>
<Supplier/Distributor Contact>

                                                Line Item    Line Item                Line Item    Line Item
                                                Packaging    Quantity      Units       Estimated    Estimated
Manufacturer/Brand/Type/Subclass Use-Type       Quantity     Ordered      Ordered     Price Each    Total
Medela Harmony Manual Breastpump Single-use Electric   25         10          250      $1,125.00    $11,250.00
Medela Harmony Breast Pads                             50         10          500      $   1.00     $   500.00
Medela Harmony Milk Bags                              100         10         1000      $   1.00     $ 1,000.00

Estimated Total Order Amount                                                                        $12,750.00


               *** End of Listing ***
```

3.29.1 Data Elements

This section describes the data elements that will print on the document.

3.29.1.1 Report Title

The title of the report will be the page heading of all reports. The subtitle of the report will be the text "Order Form".

3.29.1.1.1 Origin of Data Elements

The title of the report will be the value of the ReportHeading business rule.

3.29.1.1.2 Format

The values will print as their literal values.

3.29.1.2 Order Date

This value will be the date the order was placed.

3.29.1.2.1 Origin of Data Element

The value is the date the order was recorded.

3.29.1.2.2 Format

This is an eight-digit value formatted as MM/DD/CCYY.

3.29.1.3 Order Number

This value will be the unique number for the order.

3.29.1.3.1 Origin of Data Element

The value is the system-generated unique number for the order.

3.29.1.3.2 Format

The value will print as its literal value.

3.29.1.4 Suppler Name

This value will be the name of the Supplier/Distributor the order is placed with.

3.29.1.4.1 Origin of Data Element

This is the supplier or distributor for the order. The value will be taken from the NAME attribute of the EXTXERNALVENDR entity.

3.29.1.4.2 Format

The values will print as their literal values.

3.29.1.5 Address

This value will be the address of the Supplier/Distributor.

3.29.1.5.1 Origin of Data Element

This is the supplier or distributor for the order. The value will be taken from the MAILINGADDRESS1 attribute of the EXTXERNALVENDR entity.

3.29.1.6 Address 2

This value will be the address of the Supplier/Distributor.

3.29.1.6.1 Origin of Data Element

This is the supplier or distributor for the order. The value will be taken from the MAILINGADDRESS2 attribute of the EXTXERNALVENDR entity.

3.29.1.6.2 Format

The value will print as its literal value.

3.29.1.7 City

This value will be the city of the Supplier/Distributor.

3.29.1.7.1 Origin of Data Element

This value comes from the City attribute of the EXTXERNALVENDR entity.

3.29.1.7.2 Format

The value will print as its literal value.

3.29.1.8 State

This value will be the state of the Supplier/Distributor.

3.29.1.8.1 Origin of Data Element

This value comes from the State attribute of the EXTXERNALVENDR entity.

3.29.1.8.2 Format

The value will print as its literal value.

3.29.1.9 Zip

This value will be the ZIP code of the Supplier/Distributor.

3.29.1.9.1 Origin of Data Element

This value comes from the Zip attribute of the EXTXERNALVENDR entity.

3.29.1.9.2 Format

The value will print in #####-#### format.

3.29.1.10 Telephone

This value will be the telephone number of the Supplier/Distributor.

3.29.1.10.1 Origin of Data Element

This value comes from the Telephone attribute of the EXTXERNALVENDR entity.

3.29.1.10.2 Format

The value will print in ###-###-#### format.

3.29.1.11 Contact Name

This value will be the name of the contact Person at the Supplier/Distributor.

3.29.1.11.1 Origin of Data Element

This value comes from the ContactName attribute of the EXTXERNALVENDR entity.

3.29.1.11.2 Format

The value will print as its literal value.

3.29.1.12 Manufacturer

This value will be the manufacturer of the item.

3.29.1.12.1 Origin of Data Element

The value will be populated from the MANUFACTURER description for the ManufacturerID attribute of the PRODUCT entity for the ORDERITEM entity.

3.29.1.12.2 Format

The value will print as its literal value.

3.29.1.13 Brand

This value will be the brand of the item.

3.29.1.13.1 Origin of Data Element

The value will be populated from the MANUFACTURERBRAND description for the ManufacturerBrandID attribute of the PRODUCT entity for the ORDERITEM entity.

3.29.1.13.2 Format

The value will print as its literal value.

3.29.1.14 Type

This value will be the brand type of the item.

3.29.1.14.1 Origin of Data Element

The value will be populated from the MANUFACTURERBRANDTYPE description for the ManufacturerBrandTypeID attribute of the PRODUCT entity for the ORDERITEM entity.

3.29.1.14.2 Format

The value will print as its literal value.

3.29.1.15 Subclass Use

This value will be the subclass use of the item.

3.29.1.15.1 Origin of Data Element

The value will be populated from the ReferenceDictionary description for the SubclassUse attribute of the PRODUCT entity for the ORDERITEM entity.

3.29.1.15.2 Format

The value will print as its literal value.

3.29.1.16 Subclass Type

This value will be the subclass type of the item.

3.29.1.16.1 Origin of Data Element

The value will be populated from the ReferenceDictionary description for the SubclassType attribute of the PRODUCT entity for the ORDERITEM entity.

3.29.1.16.2 Format

The value will print as its literal value.

3.29.1.17 Line Item Packaging Quantity

This value will be the number of individual items contained in each order packaging that was ordered.

3.29.1.17.1 Origin of Data Element

This value comes from the Quantity attribute of the ORDERPACKAGING entity.

3.29.1.17.2 Format

The value will print as its literal value.

3.29.1.18 Line Item Quantity Ordered

This value will be the quantity of line item order packaging ordered.

3.29.1.18.1 Origin of Data Element

This value comes from the Quantity attribute of the ORDERITEM entity.

3.29.1.18.2 Format

The value will print as its literal value.

3.29.1.19 Units Ordered

This value will be the total number of product ordered.

3.29.1.19.1 Origin of Data Element

This value is calculated by multiplying the Line Item Packaging Quantity Ordered by the Line Item Quantity Ordered.

3.29.1.19.2 Format

The value will print as its literal value.

3.29.1.20 Line Item Estimated Price Each

This value will be the estimated unit cost for an individual item in the order line.

3.29.1.20.1 Origin of Data Element

This value comes from the ESTIMATEDCOSTEACH attribute of the ORDERITEM entity.

3.29.1.20.2 Format

The value will print in $#,###.## format.

3.29.1.21 Line Item Estimated Total

This value will be the estimated unit cost for an individual item in the order line.

3.29.1.21.1 Origin of Data Element

This value comes from the ESTIMATEDCOST attribute of the ORDERITEM entity.

3.29.1.21.2 Format

The value will print in $#,###.## format.

3.29.1.22 Estimated Total Order Amount

This value will be the total cost of the order.

3.29.1.22.1 Origin of Data Element

This value is calculated by summing the Line Item Estimated Total.

3.29.1.22.2 Format

The value will print in $###,###.## format.

3.29.2 Filter Criteria

3.29.2.1 Base of Data

All information for the selected order is included in this report.

3.29.3 Sort Order

3.29.3.1 Agency

The report will be sorted by Agency identifier.

3.29.4 Control Breaks

3.29.4.1 Agency

A page break will occur on change in Agency.

3.29.5 Grand Total

A grand total has not been defined for this report.

3.29.6 Frequency and Distribution

This report is generated when an order is created or when the user selects the Print Order button on the Order dialog.

3.30 Breastfeeding Inventory Reports

The Generate Breastfeeding Inventory Reports dialog allows the user to select which breastfeeding inventory report to generate. It is invoked when the user selects the Breastfeeding Inventory Reports menu item on the Manage Breastfeeding Inventory menu.
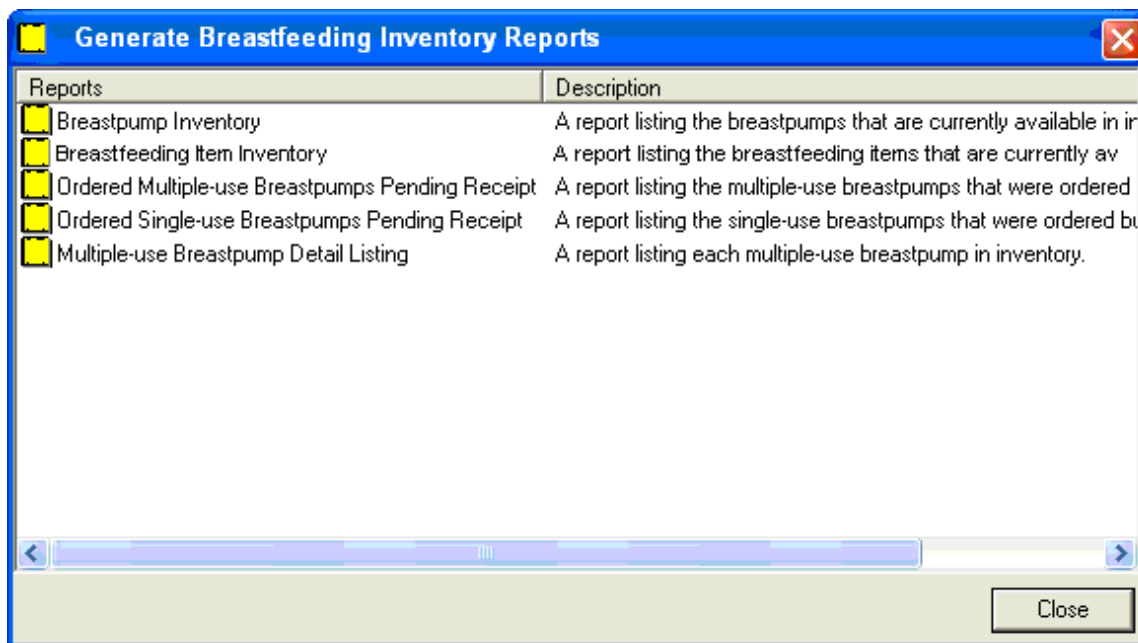
Figure 30 - Generate Breastfeeding Inventory Reports Dialog

3.30.1 Controls

This section describes the behavior of the controls on the Generate Breastfeeding Inventory Reports dialog.

3.30.1.1 Reports Display List

This control allows the user to view the list of available reports. The display list will be enabled when the Generate Breastfeeding Inventory Reports dialog is active. It will display entries for all available reports. The list is read-only. Each entry displays as a small icon and a text label that displays to the right of the icon in the Report column. Additional information is provided for each entry in the Description column. The entries are arranged vertically, each on its own line with information arranged in columns. There are no options for re-sorting the list.

3.30.1.2 Breastpump Inventory List Item

Upon selection of the Breastpump Inventory list item, the system will invoke the Generate Breastpump Inventory Report dialog described in this document. The list item will be enabled when the Generate Breastfeeding Inventory Reports dialog is active. It does not have a mnemonic or a caption.

3.30.1.3 Breastfeeding Items Inventory List Item

Upon selection of the Breastfeeding Items Inventory list item, the system will invoke the Generate Breastfeeding Items Inventory Report dialog described in this document. The list item will be enabled when the Generate Breastfeeding Inventory Reports dialog is active. It does not have a mnemonic or a caption.

3.30.1.4 Ordered Multiple-use Breastpumps Pending Receipt List Item

Upon selection of the Ordered Multiple-use Breastpumps Pending Receipt list item, the system will invoke the Generate Ordered Multiple-use Breastpumps Pending Receipt Report dialog described in this document. The list item will be enabled when the Generate Breastfeeding Inventory Reports dialog is active. It does not have a mnemonic or a caption.

3.30.1.5 Ordered Single-use Breastpumps Pending Receipt List Item

Upon selection of the Ordered Single-use Breastpumps Pending Receipt list item, the system will invoke the Generate Ordered Single-use Breastpumps Pending Receipt Report dialog described in this document. The list item will be enabled when the Generate Breastfeeding Inventory Reports dialog is active. It does not have a mnemonic or a caption.

3.30.1.6 Multiple-use Breastpump Detail Listing List Item

Upon selection of the Multiple-use Breastpump Detail Listing list item, the system will invoke the Generate Multiple-use Breastpump Detail Listing dialog described in this document. The list item will be enabled when the Generate Breastfeeding Inventory Reports dialog is active. It does not have a mnemonic or a caption.

3.30.1.7 Close Button

This control allows the user to exit the Generate Breastfeeding Inventory Reports dialog. The Close button will be enabled when the Generate Breastfeeding Inventory Reports dialog is active. Characteristics for the Close button are defined in *Consistencies*.

3.31 Generate Breastpump Inventory Report

When this report is selected, the system will display the Generate Breastpump Inventory Report dialog to select the criteria for printing the Breastpump Inventory Report. It is invoked when the user selects the Breastpump Inventory Report list item from the Generate Breastfeeding Inventory Reports dialog.

Figure 31 – Generate Breastpump Inventory Report Dialog

3.31.1 Controls

This section describes the behavior of the controls on the Generate Breastpump Inventory Report dialog.

3.31.1.1 Clinic(s) List Box

The control allows the user to select the clinic(s) to include in the Breastpump Inventory report. The list box will be enabled when the Generate Breastpump Inventory Report dialog is active. The control allows either single or multiple selections. It will be filled with a list of clinics from the ServiceSite table. The clinics are bridged to InventoryLocation through the Location table.

3.31.1.2 Subclass Use Dropdown List

This control allows the user to select the subclass use of the breastpumps to include in the Breastpump Inventory report. The dropdown list will be enabled when the Generate Breastpump Inventory Report dialog is active. It will be filled with entries from the ReferenceDictionary.Description table where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSUSE' of the sub-class use code from the Product table sub-class of breastpump, plus 'All'. The entries will be sorted by description.

3.31.1.3 Subclass Type Dropdown List

This control allows the user to select the subclass type of breastpumps to include in the Breastpump Inventory report. The dropdown list will be enabled when the Generate Breastpump Inventory Report dialog is active. It will be filled with entries from the ReferenceDictionary.Description table where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSTYP' of the sub-class type code from the Product table sub-class of breastpump, plus 'All'. The entries will be sorted by description.

3.31.1.4 Report Type Radio Button Group

This group of radio buttons allows the user to select the amount of information to include on the report. The control will be enabled when the Generate Breastpump Inventory Report dialog is active. There will be two (2) report types:

- Detail
- Summary

The Detail radio button will be the default selection. A selection is required in this control.

3.31.1.5 Report Date From Calendar Date Control

This control allows the user to enter the beginning of the date range to filter the Breastpump Inventory report. The calendar date control will be enabled when the Generate Breastpump Inventory Report dialog is active and the Report Type of Detail is selected. It will only accept entry of numeric digits. The mask on the box will be "MM/DD/CCYY" to accept a date with a four digit year.

3.31.1.6 Report Date To Calendar Date Control

This control allows the user to enter the ending of the date range to filter the Breastpump Inventory report. The calendar date control will be enabled when the Generate Breastpump Inventory Report dialog is active and the Report Type of Detail is selected. It will only accept entry of numeric digits. The mask on the box will be "MM/DD/CCYY" to accept a date with a four digit year.

3.31.1.7 Report Destination Radio Button Group

This group of radio buttons allows the user to select the destination for the Breastpump Inventory report. The control will be enabled when the Generate Breastpump Inventory Report dialog is active. There will be three (3) report destinations:

- Display on Screen
- Send to Printer
- Save as PDF

The Display on Screen radio button will be the default selection. A selection is required in this control.

3.31.1.8 OK Button

This control allows the user to generate the Breastpump Inventory report. The control will be enabled when the Generate Breastpump Inventory Report dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.31.1.9 Cancel Button

This control allows the user to exit the Generate Breastpump Inventory Report dialog. The control will be enabled when the Generate Breastpump Inventory Report dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.31.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Generate Breastpump Inventory Report dialog.

3.31.2.1 Initializing the Interface

Upon initial display of the Generate Breastpump Inventory Report dialog:

- The title bar text will be set to "Generate Breastpump Inventory Report".
- The Clinic(s) list initially displays all 'ServiceSite.ServiceSiteID – ServiceSite.ServiceSiteName' associated with the currently selected AgencyID sorted by ServiceSite.ServiceSiteID.
- No entries will be selected in the Subclass Use dropdown list.
- No entries will be selected in the Subclass Type dropdown list.
- The Detail radio button will be selected in the Report Type radio button group.
- The Display on Screen radio button will be selected in the Report Destination radio button group.

3.31.2.2 Edits

Upon selection of the OK button the system will invoke a standard error message with the text "An entry is required in the {control label}" if an entry is not made in the following:

- Report From Date calendar date control if enabled
- Report To Date calendar date control if enabled

Upon selection of the OK button the system will invoke a standard error message with the text "A selection is required in the {control label}" if a selection is not made in the following:

- Clinic(s) list box
- Subclass Use dropdown list
- Subclass Type dropdown list
- Report Type radio button group
- Report Destination radio button group

If the Send to Printer radio button is selected in the Report Destination radio button group, and a report printer has not been selected for the workstation, the system will display a standard system message box with the text "No printer has been specified for this workstation." Upon dismissal of the message box, the user is returned to the Generate Breastpump Inventory Report dialog.

3.31.2.3 Generate Breastpump Inventory Report

Upon successful completion of the edits listed above, the system will generate the Breastpump Inventory report to the selected report destination:

- If Report Destination is Screen, the system will display the report on the screen.
- If Report Destination is Printer, the system will generate the report and send it to the selected other output printer (see System Tools).
- If Report Destination is PDF, the system will invoke the Windows "Save As" dialog. The user may select the folder and enter the file name, or cancel. Upon entering a file name and selecting the Save button, the system will save the file to the selected folder.

Once the system generates the Breastpump Inventory Report the user is returned to the Generate Breastfeeding Inventory Reports dialog.

3.31.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Generate Breastpump Inventory Report dialog and return to the Generate Breastfeeding Inventory Reports dialog.

3.32 Breastpump Inventory Report (Output) CLN011

The user may generate the Breastpump Inventory Report from the Generate Breastpump Inventory Report dialog or the Clinic System Output dialog.

The Breastpump Inventory Report provides inventory management data as of the date entered on the Generate Breastpump Inventory Report dialog. It is a point in time report. The report shows breastpump orders, breastpumps that have been ordered but not received, breastpumps received and assigned/unassigned, and breastpump availability.

The Detail version of this report includes a separate line for each consignment of breastpumps to the clinics and the total quantity for each breastpump. The Summary version of this report only includes the total lines.

```
CLN011
                             <State Name Department of Health>              Run Date: XX/XX/XXXX
                             Breastpump Inventory Report - Detail           Run Time:   XX:XX:XX
                             Reporting Period: XX/XX/XXXX – XX/XX/XXXX       Page:           XXX

Agency: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Clinic: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX


                                                            ----------- Current Inventory -------------
                                            ----- Consigned ------   Units       Units       Units       Units
Manufacturer/Brand/Type/Subclass Use-Type   Date       Units        Consigned   Issued      Loaned      On Hand
Medela Harmony Manual Breastpump Single-use Manual   XX/XX/XXXX   X,XXX,XXX
                                                     XX/XX/XXXX   X,XXX,XXX
                                            Totals X,XXX,XXX      X,XXX,XXX   X,XXX,XXX   X,XXX,XXX   X,XXX,XXX



Agency: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                                                            Units       Units       Units       Units
Manufacturer/Brand/Type/Subclass Use-Type                   Consigned   Issued      Loaned      On Hand
Medela Harmony Manual Breastpump Single-use Manual          X,XXX,XXX   X,XXX,XXX   X,XXX,XXX
X,XXX,XXX


        *** End of Listing ***
```

```
CLN011
                              <State Name Department of Health>              Run Date: XX/XX/XXXX
                              Breastpump Inventory Report - Detail           Run Time:   XX:XX:XX
                                                                             Page:          XXX

Order Inventory Status


                                           Units      Date        Units      Pending    Units      Units
Manufacturer/Brand/Type/Subclass Use-Type  Ordered    Received    Received   Receipt    Consigned  On Hand
Medela Harmony Manual Breastpump Single-use Manual  X,XXX,XXX  XX/XX/XXXX  X,XXX,XXX  X,XXX,XXX
                                                    XX/XX/XXXX  X,XXX,XXX  X,XXX,XXX
                                     Totals  X,XXX,XXX              X,XXX,XXX  X,XXX,XXX  X,XXX,XXX  X,XXX,XXX

Ameda One Hand Breastpump Single-use Manual         X,XXX,XXX  XX/XX/XXXX  X,XXX,XXX  X,XXX,XXX
                                                    X,XXX,XXX  XX/XX/XXXX  X,XXX,XXX  X,XXX,XXX
                                     Totals  X,XXX,XXX              X,XXX,XXX  X,XXX,XXX  X,XXX,XXX  X,XXX,XXX

Medela Single Deluxe Brestpump Single-use Electric  X,XXX,XXX  XX/XX/XXXX  X,XXX,XXX  X,XXX,XXX
                                     Totals  X,XXX,XXX              X,XXX,XXX  X,XXX,XXX  X,XXX,XXX  X,XXX,XXX



            *** End of Listing ***
```

```
                        <State Name Department of Health>              Run Date: XX/XX/XXXX
                        Breastpump Inventory Report - Summary          Run Time:  XX:XX:XX
                                                                       Page:          XXX

Agency: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Clinic: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                                                        Units      Units      Units      Units
Manufacturer/Brand/Type/Subclass Use-Type               Consigned  Issued     Loaned     On Hand
Medela Harmony Manual Brestpump Single-use Manual        X,XXX,XXX  X,XXX,XXX  X,XXX,XXX
X,XXX,XXX
Ameda One Hand Breastpump Single-use Manual              X,XXX,XXX  X,XXX,XXX  X,XXX,XXX
X,XXX,XXX
Medela Single Deluxe Breastpump Single-use Electric      X,XXX,XXX  X,XXX,XXX  X,XXX,XXX
X,XXX,XXX




Agency: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                                                        Units                            Units
Manufacturer/Brand/Type/Subclass Use-Type               Consigned                        On Hand
Medela Harmony Manual Breastpump Single-use Manual       X,XXX,XXX
X,XXX,XXX
Ameda One Hand Breastpump Single-use Manual              X,XXX,XXX
X,XXX,XXX
Medela Single Deluxe Brestpump Single-use Electric       X,XXX,XXX
X,XXX,XXX


            *** End of Listing ***
```

```
                           <State Name Department of Health>              Run Date: XX/XX/XXXX
                           Breastpump Inventory Report - Summary           Run Time:   XX:XX:XX
                                                                           Page:           XXX

Order Inventory Status


                                         Units           Units      Pending    Units       Units
Manufacturer/Brand/Type/Subclass Use-Type Ordered         Received   Receipt    Consigned   On Hand
Medela Harmony Manual Breastpump Single-use Manual    X,XXX,XXX    X,XXX,XXX  X,XXX,XXX  X,XXX,XXX   X,XXX,XXX
Ameda One Hand Breastpump Single-use Manual           X,XXX,XXX    X,XXX,XXX  X,XXX,XXX  X,XXX,XXX   X,XXX,XXX
Medela Single Deluxe Brestpump Single-use Electric    X,XXX,XXX    X,XXX,XXX  X,XXX,XXX  X,XXX,XXX   X,XXX,XXX


              *** End of Listing ***
```

3.32.1 Data Elements

3.32.1.1 Report Title

The title of the report will be the page heading of all reports. The subtitle of the report will be the text "Breastpump Inventory Report – Detail" and the reporting date for the report when the page includes detail information. The subtitle of the report will be the text "Breastpump Inventory Report – Summary" and the reporting date for the report when the page includes summary information. The reporting date for the report will be entered on the Generate Breastpump Inventory Report dialog by the user.

3.32.1.1.1 Origin of Data Elements

The title of the report will be the value of the ReportHeading business rule.

3.32.1.1.2 Format

The date will print in MM/DD/CCYY format.

3.32.1.2 Reporting Period MM/DD/CCYY – MM/DD/CCYY (Detail)

3.32.1.2.1 Origin of Data Element

This value comes from the selected date range.

3.32.1.2.2 Format

The values will print as their literal values.

3.32.1.3 Agency

3.32.1.3.1 Origin of Data Element

This value comes from the AgencyID and Name attributes of the AGENCY entity.

3.32.1.3.2 Format

The values will print as their literal values.

3.32.1.4 Clinic

3.32.1.4.1 Origin of Data Element

This value comes from the ServiceSiteID and Name attributes of the ServiceSite entity.

3.32.1.4.2 Format

The values will print as their literal values.

3.32.1.5 Manufacturer

3.32.1.5.1 Origin of Data Element

This is the manufacturer of the breastpump. The value will be the name of the manufacturer from the Manufacturer table for products classified as a breastfeeding item with a Sub-class of breast pump.

3.32.1.5.2 Format

The value will print as its literal value.

3.32.1.6 Brand

3.32.1.6.1 Origin of Data Element

This is the brand of the breastpump. The value will be the text description of the breastpump brand from the ManufacturerBrand table.

3.32.1.6.2 Format

The value will print as its literal value.

3.32.1.7 Breastpump Type

3.32.1.7.1 Origin of Data Element

This is the type of breastpump. The value will be the text description of the breastpump brand type from the ManufacturerBrandType table.

3.32.1.7.2 Format

The value will print as its literal value.

3.32.1.8 Subclass Use (Single or Muliple)

3.32.1.8.1 Origin of Data Element

This is the subclass use of the breastpump product. The value will be the text description from the ReferenceDictionary.Description table where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSUSE' of the sub-class use code from the Product table.

3.32.1.8.2 Format

The value will print as its literal value.

3.32.1.9 Subclass Type (Electric or Manual)

3.32.1.9.1 Origin of Data Element

This is the subclass use type of the breastpump product. The value will be the text description from the ReferenceDictionary.Description table where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSTYP' of the sub-class use code from the Product table.

3.32.1.9.2 Format

The value will print as its literal value.

3.32.1.10 Consigned Date (Detail - Clinic)

3.32.1.10.1 Origin of Data Element

This is the date when the breastpumps were consigned to the clinic inventory location. The date value comes from the ConsignedDttm attribute of the InventoryConsignedTrans entity where the date is in the selected reporting range.

3.32.1.10.2 Format

This is a date value formatted MM/DD/CCYY.

3.32.1.11 Consigned Units (Detail - Clinic)

3.32.1.11.1 Origin of Data Element

This is the number of breastpumps that were consigned to the clinic inventory location on the consigned date. The value comes from the Quantity attribute of the InventoryConsignedTrans table for the clinic inventory location.

3.32.1.11.2 Format

This is a seven-digit value.

3.32.1.12 Consigned Units Totals (Detail - Clinic)

3.32.1.12.1 Origin of Data Element

This is the sum of the Consigned Units column for the clinic.

3.32.1.12.2 Format

This is a seven-digit value.

3.32.1.13 Current Units Consigned Totals (Detail/Summary - Clinic)

3.32.1.13.1 Origin of Data Element

This is the number of breastpumps currently consigned to the clinic. The value is the Quantity attribute of the InventoryConsigned table for the clinic inventory location.

3.32.1.13.2 Format

This is a seven-digit value.

3.32.1.14 Current Units Issued Totals (Detail/Summary - Clinic)

3.32.1.14.1 Origin of Data Element

For tracked inventory only:

This is the number breastpumps consigned to the clinic that are currently issued. The value is the count of breastpumps in the InventoryItem table for the clinic inventory location where the status is equal to issued.

3.32.1.14.2 Format

This is a seven-digit value.

3.32.1.15 Current Units Loaned Totals (Detail/Summary - Clinic)

3.32.1.15.1 Origin of Data Element

For tracked inventory only:

This is the number of breastpumps consigned to the clinic that are currently loaned to a location. The value is the count of breastpumps in the InventoryItems table where the status is equal to loaned.

3.32.1.15.2 Format

This is a seven-digit value.

3.32.1.16 Current Units On Hand Totals (Detail/Summary - Clinic)

3.32.1.16.1 Origin of Data Element

This value is the number of breastpumps that are consigned (not issued, loaned or retired). It is calculated as the number of Current Units Consigned minus the Units Issued minus the Units Loaned.

3.32.1.16.2 Format

This is a seven-digit value.

3.32.1.17 Units Ordered (Detail - Order Inventory Status)

3.32.1.17.1 Origin of Data Element

This value is the number of individual breastpumps on order as of today. The order request status is 02=Approved/Confirmed or 04=Partial Order Received/Pending. This value is the quantity of the order line item multiplied by the number of units in the line item order packaging.

OrderItem.Quantity * OrderPackaging.PackageQuantity

3.32.1.17.2 Format

This is a seven-digit value.

3.32.1.18 Date Received (Detail - Order Inventory Status)

3.32.1.18.1 Origin of Data Element

This is the date when the breastpumps were received. The value comes from the ReceivedDate attribute of the OrderItemReceived entity matching the selected OrderRequest OrderItem.

3.32.1.18.2 Format

This will be a date field formatted as MM/DD/CCYY.

3.32.1.19 Units Received (Detail - Order Inventory Status)

3.32.1.19.1 Origin of Data Element

This value is the number of breastpumps that have been received. This value is the quantity of the order line item received multiplied by the number of units in the line item order packaging.

OrderItemReceived.Quantity * OrderPackaging.PackageQuantity

3.32.1.19.2 Format

This is a seven-digit value.

3.32.1.20 Pending Receipt (Detail - Order Inventory Status)

3.32.1.20.1 Origin of Data Element

This value is the number of individual breastpumps that have been ordered but not received. The value is the Units Ordered minus the Units Received value.

3.32.1.20.2 Format

This is a seven-digit value.

3.32.1.21 Units Consigned (Detail - Order Inventory Status)

3.32.1.21.1 Origin of Data Element

This is the count of breastpumps that were consigned to all inventory locations. The value is the sum of the Quantity in InventoryConsigned table for the InventoryLocations.

3.32.1.21.2 Format

This is a seven-digit value.

3.32.1.22 Units on Hand (Detail - Order Inventory Status)

3.32.1.22.1 Origin of Data Element

This is the number of breastpumps in general inventory and not consigned. The value is the QuantityInStock from the Inventory table.

3.32.1.22.2 Format

This is a seven-digit value.

3.32.1.23 Units Ordered Totals (Detail/Summary - Order Inventory Status)

3.32.1.23.1 Origin of Data Element

This value is the sum of the number of individual breastpumps on order as of today. The order request status is 02=Approved/Confirmed or 04=Partial Order Received/Pending. This value is the quantity of the order line item multiplied by the number of units in the line item order packaging.

OrderItem.Quantity * OrderPackaging.PackageQuantity

3.32.1.23.2 Format

This is a seven-digit value.

3.32.1.24 Units Received Totals (Detail/Summary - Order Inventory Status)

3.32.1.24.1 Origin of Data Element

This value is the sum of the number of breastpumps that have been received. This value is the quantity of the order line item received multiplied by the number of units in the line item order packaging.

OrderItemReceived.Quantity * OrderPackaging.PackageQuantity

3.32.1.24.2 Format

This is a seven-digit value.

3.32.1.25 Pending Receipt Totals (Detail/Summary - Order Inventory Status)

3.32.1.25.1 Origin of Data Element

This value is the sum of the number of individual breastpumps that have been ordered but not received. The value is the Units Ordered minus the Units Received value.

3.32.1.25.2 Format

This is a seven-digit value.

3.32.1.26 Units Consigned Totals (Detail/Summary - Order Inventory Status)

3.32.1.26.1 Origin of Data Element

This is the sum of the count of breastpumps that were consigned to all inventory locations. The value is the sum of the Quantity in InventoryConsigned table for the InventoryLocations.

3.32.1.26.2 Format

This is a seven-digit value.

3.32.1.27 Units on Hand Totals (Detail/Summary - Order Inventory Status)

3.32.1.27.1 Origin of Data Element

This is the sum of the number of breastpumps in general inventory and not consigned. The value is the QuantityInStock from the Inventory table.

3.32.1.27.2 Format

This is a seven-digit value.

3.32.2 Filter Criteria

3.32.2.1 Inventory as of Reporting Date Range (Detail)

The breastpump inventory detail information for all agency and clinic inventory locations is included on the report as of the user-specified reporting date range.

The order status page is always as of the current system date.

3.32.2.2 Inventory as of Reporting Date (Summary)

The breastpump inventory information is as of the current system date.

3.32.2.3 Clinic Site

The information for the user-specified clinic sites is included on the report. The clinics are bridged to InventoryLocation through the Location table.

3.32.2.4 Breastpump Type(s)

The breastpump inventory information for the user-specified breastpump type(s) is included on the report.

This will be determined by examining the Product table criteria:

- Class equal to 'BF'
- Subclass equal to 'P'
- SubclassUse equal to 'M' or 'S'
- SubclassType equal to 'M' or 'E'

3.32.3 Sort Order

3.32.3.1 Agency

This report will be sorted first by Agency.

3.32.3.2 Clinic Site

This report will be sorted by the Clinic Site within Agency.

3.32.3.3 Manufacturer

This report will be sorted by the Manufacturer within Clinic Site.

3.32.3.4 Manufacturer Brand

This report will be sorted by the ManufacturerBrand within Manufacturer.

3.32.3.5 Manufacturer Brand Type

This report will be sorted by the ManufacturerBrandType within ManufacturerBrand.

3.32.3.6 Subclass Use

This report will be sorted by the SubclassUse within ManufacturerBrandType.

3.32.3.7 Subclass Type

This report will be sorted by the SubclassType within SubclassUse.

3.32.4 Control Breaks - Detail

3.32.4.1 Agency

A page break will occur on change in Agency.

3.32.4.2 Clinic

A page break will occur on change in Clinic.

3.32.4.3 Manufacturer/Brand/Type/Subclass Use-Type

A subtotal break will occur on change in
Manufacturer/Brand/Type/SubclassUse-Type.

3.32.5 Control Breaks - Summary

3.32.5.1 Agency

A page break will occur on change in Agency.

3.32.6 Order Inventory Status

The inventory status will be the total number of breastpumps ordered,
received, pending, consigned and the total number of breastpumps on hand
will print for each breastpump.

3.32.7 Frequency and Distribution

This report can be generated on demand.

3.33 Generate Breastfeeding Item Inventory Report

When this report is selected, the system will display the Generate Breastfeeding Item Inventory Report dialog to select the criteria for printing the Breastfeeding Item Inventory Report. It is invoked when the user selects the Breastfeeding Item Inventory Report list item from the Generate Breastfeeding Item Inventory Reports dialog.

Figure 32 – Generate Breastfeeding Item Inventory Report Dialog

3.33.1 Controls

This section describes the behavior of the controls on the Generate Breastfeeding Item Inventory Report Dialog.

3.33.1.1 Clinic(s) List Box

The control allows the user to select the clinic(s) to include in the Breastfeeding Item Inventory report. The list box will be enabled when the Generate Breastfeeding Item Inventory Report dialog is active. The control allows either single or multiple selections.

3.33.1.2 Breastfeeding Item(s) List Box

This control allows the user to select the breastfeeding items to include in the Breastfeeding Item Inventory report. The list box will be enabled when the Generate Breastfeeding Item Inventory Report dialog is active. It will be filled with entries for each breastfeeding item. The entries will be sorted by description. Single and multiple selections may be made by the user. The value will be the text description of the breastfeeding item from the Product table Manufacturer, ManufacturerBrand and ManufacturerBrandType. This includes products classified as a breastfeeding item with a Sub-class of breastfeeding supply (not a pump and not a kit).

This will be determined by examining the Product table criteria:

- Class equal to 'BF'
- Subclass equal to 'S'

3.33.1.3 Report Type Radio Button Group

This group of radio buttons allows the user to select the amount of information to include on the report. The control will be enabled when the Generate Breastfeeding Item Inventory Report dialog is active. There will be two (2) report types:

- Detail
- Summary

The Detail radio button will be the default selection. A selection is required in this control.

3.33.1.4 Report Date From Calendar Date Control

This control allows the user to enter the date on which to filter the Breastfeeding Item Inventory report. The calendar date control will be enabled when the Generate Breastfeeding Item Inventory Report dialog is active and the Report Type of Detail is selected. It will only accept entry of numeric digits. The mask on the box will be "MM/DD/CCYY" to accept a date with a four digit year.

3.33.1.5 Report Date To Calendar Date Control

This control allows the user to enter the date on which to filter the Breastfeeding Item Inventory report. The calendar date control will be enabled when the Generate Breastfeeding Item Inventory Report dialog is active and the Report Type of Detail is selected. It will only accept entry of numeric digits. The mask on the box will be "MM/DD/CCYY" to accept a date with a four digit year.

3.33.1.6 Report Destination Radio Button Group

This group of radio buttons allows the user to select the destination for the report. The control will be enabled when the Generate Breastfeeding Item Inventory Report dialog is active. There will be three (3) report destinations:

- Display on Screen
- Send to Printer
- Save as PDF

The Display on Screen radio button will be the default selection. A selection is required in this control.

3.33.1.7 OK Button

This control allows the user to generate the Breastfeeding Item Inventory report. The control will be enabled when the Generate Breastfeeding Item Inventory Report dialog is active. It does not have a mnemonic and it is the default command button for the dialog.

3.33.1.8 Cancel Button

This control allows the user to exit the Generate Breastfeeding Item Inventory Report dialog. The control will be enabled when the Generate Breastfeeding Item Inventory Report dialog is active. It does not have a mnemonic and it is the cancel command for the dialog.

3.33.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Generate Breastfeeding Item Inventory Report dialog.

3.33.2.1 Initializing the Interface

Upon initial display of the Generate Breastfeeding Item Inventory Report dialog:

- The title bar text will be set to "Generate Breastfeeding Item Inventory Report".
- The Clinic(s) list initially displays all 'ServiceSite.ServiceSiteID – ServiceSite.ServiceSiteName' associated with the currently selected AgencyID sorted by ServiceSite.ServiceSiteID.
- No entries will be selected in the Breastfeeding Item(s) list box.
- The Detail radio button will be selected in the Report Type radio button group.
- The Display on Screen radio button will be selected in the Report Destination radio button group.

3.33.2.2 Edits

Upon selection of the OK button

- If an entry is not made in the following, the system will invoke a standard error message with the text "An entry is required for the {control label}."
  - o Report Date From calendar date control if enabled.
  - o Report Date To calendar date control if enabled.
- If a selection is not made in the following, the system will invoke a standard error message with the text "A selection is required in the {control label}."
  - o Clinic list box (at least one entry selected)
  - o Breastfeeding Item(s) list box
  - o Report Type radio button group
  - o Report Destination radio button group
- If the Send to Printer radio button is selected in the Report Destination radio button group, and an other output printer has not been selected for the workstation, the system will display a standard system message box with the text "No printer has been specified for this workstation." Upon dismissal of the message box, the user is returned to the Generate Breastfeeding Item Inventory Report dialog.

3.33.2.3 Generate Breastfeeding Item Inventory Report

Upon successful completion of the edits listed above, the system will generate the Breastfeeding Item Inventory report to the selected report destination:

- If Report Destination is Screen, the system will display the report on the screen.
- If Report Destination is Printer, the system will generate the report and send it to the selected other output printer (see System Tools).
- If Report Destination is PDF, the system will invoke the Windows "Save As" dialog. The user may select the folder and enter the file name, or cancel. Upon entering a file name and selecting Save, the system will save the file to the selected folder.

Once the system generates the Breastfeeding Item Inventory Report the user is returned to the Generate Breastfeeding Inventory Reports dialog or the calling dialog.

3.33.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Generate Breastfeeding Item Inventory Report dialog and return to the Generate Breastfeeding Inventory Reports dialog or the calling dialog.

3.34 Breastfeeding Item Inventory Report (Output) CLN012

The user may generate the Breastfeeding Item Inventory Report from the
Generate Breastfeeding Item inventory Report or the Clinic System Output
dialog.

The Breastfeeding Item Inventory Report provides inventory management data
as of the date entered on the Generate Breastfeeding Item Inventory Report
dialog. It is a point in time report. The report shows breastfeeding item orders,
breastfeeding items that have been ordered but not received and breastfeeding
item availability.

The Detail version of this report includes a separate line for each consignment of
breastfeeding items to the clinics and the total amount for each breastfeeding
item. The Summary version of this report only includes the total amount for
each breastfeeding item.

```
CLN012                          <State Name Department of Health>                    Run Date: XX/XX/XXXX
                               Breastfeeding Item Inventory Report - Detail          Run Time:   XX:XX:XX
                                Reporting Period: XX/XX/XXXX - XX/XX/XXXX    Page:           XXX

Agency: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Clinic: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                                                                       - Current Inventory -
                                               ----- Consigned ------       Units
Breastfeeding Item                             Date        Units            On Hand
MEDELA HARMONY BREAST MILK BAGS                XX/XX/XXXX   X,XXX,XXX
                                               XX/XX/XXXX   X,XXX,XXX
                                                   TOTALS X,XXX,XXX          X,XXX,XXX

MEDELA DELUXE NURSING BRAS                     XX/XX/XXXX   X,XXX,XXX
                                                   TOTALS X,XXX,XXX          X,XXX,XXX

MEDELA DELUXE COTTON NURSING PADS              XX/XX/XXXX   X,XXX,XXX
                                                   TOTALS X,XXX,XXX          X,XXX,XXX


Agency: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                                                                       - Current Inventory -
                                                                            Units
Breastfeeding Item                                                          On Hand
MEDELA HARMONY BREAST MILK BAGS                                             X,XXX,XXX
MEDELA DELUXE NURSING BRAS                                                  X,XXX,XXX
MEDELA DELUXE COTTON NURSING PADS                                          X,XXX,XXX


          *** End of Listing ***
```

```
CLN012                        <State Name Department of Health>                   Run Date: XX/XX/XXXX
                             Breastfeeding Item Inventory Report - Detail          Run Time:   XX:XX:XX
                                       Page:            XXX

Order Inventory Status


                                           Units      Date       Units      Pending    Units      Units
Breastfeeding Item                         Ordered    Received   Received   Receipt    Consigned  On Hand
MEDELA HARMONY BREAST MILK BAGS            X,XXX,XXX  XX/XX/XXXX  X,XXX,XXX  X,XXX,XXX
                                                      XX/XX/XXXX  X,XXX,XXX  X,XXX,XXX
                                 TOTALS    X,XXX,XXX             X,XXX,XXX  X,XXX,XXX  X,XXX,XXX  X,XXX,XXX

MEDELA DELUXE NURSING BRAS                 X,XXX,XXX  XX/XX/XXXX  X,XXX,XXX  X,XXX,XXX
                                 TOTALS    X,XXX,XXX             X,XXX,XXX  X,XXX,XXX  X,XXX,XXX  X,XXX,XXX

MEDELA DELUXE COTTON NURSING PADS          X,XXX,XXX  XX/XX/XXXX  X,XXX,XXX  X,XXX,XXX
                                 TOTALS    X,XXX,XXX             X,XXX,XXX  X,XXX,XXX  X,XXX,XXX  X,XXX,XXX

                                    *** End of Listing ***
```

```
                                    <State Name Department of Health>                 Run Date: XX/XX/XXXX
                                 Breastfeeding Item Inventory Report - Summary         Run Time:   XX:XX:XX
                   Page:              XXX

Agency: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Clinic: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                                                                     - Current Inventory -
                                                                            Units
Breastfeeding Item                                                         On Hand
MEDELA HARMONY BREAST MILK BAGS                                            X,XXX,XXX
MEDELA DELUXE NURSING BRAS                                                 X,XXX,XXX
MEDELA DELUXE COTTON NURSING PADS                                         X,XXX,XXX


Agency: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                                                                     - Current Inventory -
                                                                            Units
Breastfeeding Item                                                         On Hand
MEDELA HARMONY BREAST MILK BAGS                                            X,XXX,XXX
MEDELA DELUXE NURSING BRAS                                                 X,XXX,XXX
MEDELA DELUXE COTTON NURSING PADS                                         X,XXX,XXX



                              *** End of Listing ***
```

```
                                    <State Name Department of Health>                      Run Date: XX/XX/XXXX
                                    Breastfeeding Item Inventory Report - Summary           Run Time:   XX:XX:XX
               Page:          XXX

Order Inventory Status

                                                    Units              Units     Pending    Units      Units
Breastfeeding Item                                  Ordered            Received  Receipt    Consigned  On Hand
MEDELA HARMONY BREAST MILK BAGS                     X,XXX,XXX          X,XXX,XXX X,XXX,XXX  X,XXX,XXX  X,XXX,XXX
MEDELA DELUXE NURSING BRAS                          X,XXX,XXX          X,XXX,XXX X,XXX,XXX  X,XXX,XXX  X,XXX,XXX
MEDELA DELUXE COTTON NURSING PADS                   X,XXX,XXX          X,XXX,XXX X,XXX,XXX  X,XXX,XXX  X,XXX,XXX


                             *** End of Listing ***
```

3.34.1 Data Elements

3.34.1.1 Report Title

The title of the report will be the page heading of all reports. The subtitle
of the report will be the text "Breastfeeding Item Inventory Report -
Detail" and the reporting date for the report when the page includes
detail information. The subtitle of the report will be the text
"Breastfeeding Item Inventory Report – Summary" and the reporting date
for the report when the page includes summary information. The
reporting date for the report will be entered on the Generate
Breastfeeding Item Inventory Report dialog by the user.

3.34.1.1.1 Origin of Data Elements

The title of the report will be the value of the ReportHeading business
rule.

3.34.1.1.2 Format

The date will print in MM/DD/CCYY format.

3.34.1.2 Reporting Period MM/DD/CCYY – MM/DD/CCYY (Detail)

3.34.1.2.1 Origin of Data Element

This value comes from the selected date range.

3.34.1.2.2 Format

The values will print as their literal values.

3.34.1.3 Agency

3.34.1.3.1 Origin of Data Element

This value comes from the AgencyID and Name attributes of the
AGENCY entity.

3.34.1.3.2 Format

The values will print as their literal values.

3.34.1.4 Breastfeeding Item

3.34.1.4.1 Origin of Data Element

The value will be the text description of the breastfeeding item from
the Product table Manufacturer, ManufacturerBrand and
ManufacturerBrandType. This includes products classified as a
breastfeeding item with a Sub-class of breastfeeding supply or kit (not
a pump).

This will be determined by examining the Product table criteria:

- Class equal to 'BF'
- Subclass equal to 'S' or 'K'

3.34.1.4.2 Format

The value will print as its literal value.

3.34.1.5 Clinic

3.34.1.5.1 Origin of Data Element

This value comes from the ServiceSiteID and Name attributes of the ServiceSite entity.

3.34.1.5.2 Format

The values will print as their literal values.

3.34.1.6 Consigned Date (Detail - Clinic)

3.34.1.6.1 Origin of Data Element

This is the date when the breastfeeding items were consigned to the clinic inventory location. The date value comes from the ConsignedDttm attribute of the InventoryConsignedTrans entity where the date is in the selected reporting range.

3.34.1.6.2 Format

This is a date value formatted MM/DD/CCYY.

3.34.1.7 Consigned Units (Detail - Clinic)

3.34.1.7.1 Origin of Data Element

This is the number of the breastfeeding items that were consigned to the clinic inventory location on the consigned date. The value comes from the Quantity attribute of the InventoryConsignedTrans table for the clinic inventory location.

3.34.1.7.2 Format

This is a seven-digit value.

3.34.1.8 Consigned Units Totals (Detail - Clinic)

3.34.1.8.1 Origin of Data Element

This is the sum of the Consigned Units column for the clinic.

3.34.1.8.2 Format

This is a seven-digit value.

3.34.1.9 Current Units On Hand Totals (Detail/Summary - Clinic)

3.34.1.9.1 Origin of Data Element

This is the number of breastfeeding items currently consigned to the clinic. The value is the Quantity attribute of the InventoryConsigned table for the clinic inventory location.

3.34.1.9.2 Format

This is a seven-digit value.

3.34.1.10 Units Ordered (Detail - Order Inventory Status)

3.34.1.10.1 Origin of Data Element

This value is the number of individual breastfeeding items on order as of today. The order request status is 02=Approved/Confirmed or 04=Partial Order Received/Pending. This value is the quantity of the order line item multiplied by the number of units in the line item order packaging.

OrderItem.Quantity * OrderPackaging.PackageQuantity

3.34.1.10.2 Format

This is a seven-digit value.

3.34.1.11 Date Received (Detail - Order Inventory Status)

3.34.1.11.1 Origin of Data Element

This is the date when the breastfeeding items were received. The value comes from the ReceivedDate attribute of the OrderItemReceived entity matching the selected OrderRequest OrderItem.

3.34.1.11.2 Format

This will be a date field formatted as MM/DD/CCYY.

3.34.1.12 Units Received (Detail - Order Inventory Status)

3.34.1.12.1 Origin of Data Element

This value is the number of breastfeeding items that have been received. This value is the quantity of the order line item received multiplied by the number of units in the line item order packaging.

OrderItemReceived.Quantity * OrderPackaging.PackageQuantity

3.34.1.12.2 Format

This is a seven-digit value.

3.34.1.13 Pending Receipt (Detail - Order Inventory Status)

3.34.1.13.1 Origin of Data Element

This value is the number of individual breastfeeding items that have been ordered but not received. The value is the Units Ordered minus the Units Received value.

3.34.1.13.2 Format

This is a seven-digit value.

3.34.1.14 Units Consigned (Detail - Order Inventory Status)

3.34.1.14.1 Origin of Data Element

This is the count of breastfeeding items that were consigned to all inventory locations. The value is the sum of the Quantity in InventoryConsigned table for the InventoryLocations.

3.34.1.14.2 Format

This is a seven-digit value.

3.34.1.15 Units on Hand (Detail - Order Inventory Status)

3.34.1.15.1 Origin of Data Element

This is the number of breastfeeding items in general inventory and not consigned. The value is the QuantityInStock from the Inventory table.

3.34.1.15.2 Format

This is a seven-digit value.

3.34.1.16 Units Ordered Totals (Detail/Summary - Order Inventory Status)

3.34.1.16.1 Origin of Data Element

This value is the sum of the number of individual breastfeeding items on order as of today. The order request status is 02=Approved/Confirmed or 04=Partial Order Received/Pending. This value is the quantity of the order line item multiplied by the number of units in the line item order packaging.

OrderItem.Quantity * OrderPackaging.PackageQuantity

3.34.1.16.2 Format

This is a seven-digit value.

3.34.1.17 Units Received Totals (Detail/Summary - Order Inventory Status)

3.34.1.17.1 Origin of Data Element

This value is the sum of the number of breastfeeding items that have been received. This value is the quantity of the order line item received multiplied by the number of units in the line item order packaging.

OrderItemReceived.Quantity * OrderPackaging.PackageQuantity

3.34.1.17.2 Format

This is a seven-digit value.

3.34.1.18 Pending Receipt Totals (Detail/Summary - Order Inventory Status)

3.34.1.18.1 Origin of Data Element

This value is the sum of the number of individual breastfeeding items that have been ordered but not received. The value is the Units Ordered minus the Units Received value.

3.34.1.18.2 Format

This is a seven-digit value.

3.34.1.19 Units Consigned Totals (Detail/Summary - Order Inventory Status)

3.34.1.19.1 Origin of Data Element

This is the sum of the count of breastfeeding items that were consigned to all inventory locations. The value is the sum of the Quantity in InventoryConsigned table for the InventoryLocations.

3.34.1.19.2 Format

This is a seven-digit value.

3.34.1.20 Units on Hand Totals (Detail/Summary - Order Inventory Status)

3.34.1.20.1 Origin of Data Element

This is the sum of the number of breastfeeding items in general inventory and not consigned. The value is the QuantityInStock from the Inventory table.

3.34.1.20.2 Format

This is a seven-digit value.

3.34.2 Filter Criteria

3.34.2.1 Inventory as of Reporting Date (Detail)

The breastfeeding item inventory detail information for all agency and clinic inventory locations is included on the report as of the user-specified reporting date range.

3.34.2.2 Inventory as of Reporting Date (Summary)

The breastfeeding item inventory information is as of the current system date.

3.34.2.3 Selected Clinic(s)

The breastfeeding item inventory information for the user-specified clinic sites is included on the report. The clinics are bridged to InventoryLocation through the Location table.

3.34.2.4 Breastfeeding Items(s)

The inventory information for the user-specified breastfeeding item(s) is included on the report.

This will be determined by examining the Product table criteria:

- Class equal to 'BF'
- Subclass equal to 'S' or 'K'

3.34.3 Sort Order

3.34.3.1 Agency

This report will be sorted first by Agency.

3.34.3.2 Clinic Site

This report will be sorted by the Clinic Site within Agency.

3.34.4 Control Breaks - Detail

3.34.4.1 Agency

A page break will occur on change in Agency.

3.34.4.2 Clinic

A page break will occur on change in Clinic.

3.34.5 Control Breaks - Summary

3.34.5.1 Agency

A page break will occur on change in Agency.

3.34.6 Order Inventory Status

The inventory status will be the total number of breastfeeding items ordered, received, pending, consigned and the total number of breastfeeding items on hand will print for each breastfeeding item.

3.34.7 Frequency and Distribution

This report can be generated on demand.

3.35 Generate Multiple-use Breastpumps Pending Receipt Report

The Generate Multiple-use Breastpumps Pending Receipt Report dialog allows the user to select the criteria for the Multiple-use Breastpumps Pending Receipt Report. It is invoked when the user selects the Multiple-use Breastpumps Pending Receipt Report from the Generate Breastfeeding Inventory Reports dialog.
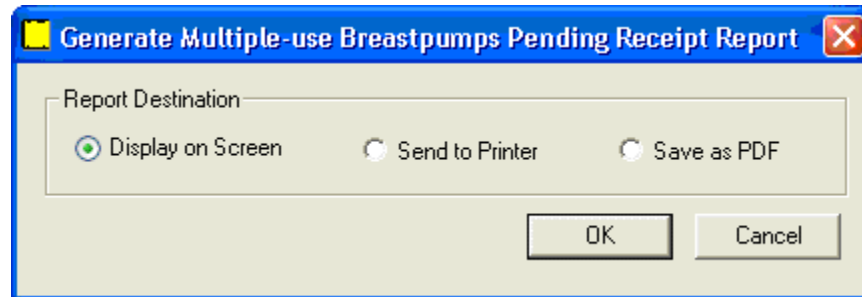
Figure 33 – Generate Multiple-use Breastpumps Pending Receipt Report Dialog

3.35.1 Controls

This section describes the behavior of the controls on the Generate Multiple-use Breastpumps Pending Receipt Report dialog.

3.35.1.1 Report Destination Radio Button Group

This group of radio buttons allows the user to select the destination for the Multiple-use Breastpumps Pending Receipt Report. The control will be enabled when the Generate Multiple-use Breastpumps Pending Receipt Report dialog is active. There will be three (3) report destinations:

- Display on Screen
- Send to Printer
- Save as PDF

The Display on Screen radio button will be the default selection. A selection is required in this control.

3.35.1.2 OK Button

This control allows the user to generate the Multiple-use Breastpumps Pending Receipt Report. The control will be enabled when the Generate Multiple-use Breastpumps Pending Receipt Report dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.35.1.3 Cancel Button

This control allows the user to exit the Generate Multiple-use Breastpumps Pending Receipt Report dialog. The control will be enabled when the Generate Multiple-use Breastpumps Pending Receipt Report dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.35.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Generate Multiple-use Breastpumps Pending Receipt Report dialog.

3.35.2.1 Initializing the Interface

Upon initial display of the Generate Multiple-use Breastpumps Pending Receipt Report dialog:

- The title bar text will be set to "Generate Multiple-use Breastpumps Pending Receipt Report".
- The Display on Screen radio button will be selected in the Report Destination radio button group.

3.35.2.2 Edits

Upon selection of the OK button the system will invoke a standard error message with the text "A selection is required in the {control label}" if a selection is not made in the following:

- Report Destination radio button group

If the Send to Printer radio button is selected in the Report Destination radio button group, and an other output printer has not been selected for the workstation, the system will display a standard system message box with the text "No printer has been specified for this workstation." Upon dismissal of the message box, the user is returned to the Generate Multiple-use Breastpumps Pending Receipt Report dialog.

3.35.2.3 Generate Multiple-use Breastpumps Pending Receipt Report

Upon successful completion of the edits listed above, the system will generate the Multiple-use Breastpumps Pending Receipt Report to the selected report destination:

- If Report Destination is Screen, the system will display the report on the screen.
- If Report Destination is Printer, the system will generate the report and send it to the selected other output printer (see System Tools).

- If Report Destination is PDF, the system will invoke the Windows "Save As" dialog. The user may select the folder and enter the file name, or cancel. Upon entering a file name and selecting Save, the system will save the file to the selected folder.

Once the system generates the Multiple-use Breastpumps Pending Receipt Report the user is returned to the Generate Breastfeeding Inventory Reports dialog.

3.35.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Generate Multiple-use Breastpumps Pending Receipt Report dialog and return to the Generate Breastfeeding Inventory Reports dialog.

3.36 Multiple-use Breastpumps Pending Receipt Report (Output)

The user may generate the Multiple-use Breastpumps Pending Receipt Report from the Generate Multiple-use Breastpumps Pending Receipt Report dialog.

The Multiple-use Breastpumps Pending Receipt Report is an exception report. A line will be printed for every outstanding multiple-use breastpump order. Outstanding multiple-use breastpump orders are those orders that have an order request status of either "Approved/Confirmed Order" (no receipt yet) or "Partial Receipt Pending" (only partially received).

```
                              <State Name Department of Health>                       Run Date: XX/XX/XXXX
                         Multiple-use Breastpumps Pending Receipt Report              Run Time:   XX:XX:XX
                                                                                      Page:           XXX


                                                           Order      Line Item  Line Item                     Units
        Date    Order                                      Packaging  Quantity   Quantity   Units     Units     Pending
        Ordered Number    Manufacturer/Brand/Type/Subclass Use-Type  Quantity   Ordered    Received   Ordered   Received  Receipt
        11/16/2004 00005098 Ameda Nuture III Breastpump Multiple-use Electric    25        10          6        250       150       100
        11/16/2004 00005099 Medela Lactina Breastpump Multiple-use Electric       1        20         19         20        19         1

                        *** End of Listing ***
```

3.36.1 Data Elements

3.36.1.1 Report Title

The title of the report will be the page heading of all reports. The subtitle of the report will be the text "Multiple-use Breastpumps Pending Receipt Report".

3.36.1.1.1 Origin of Data Elements

The title of the report will be the value of the ReportHeading business rule.

3.36.1.1.2 Format

The values will print as their literal values.

3.36.1.2 Date Ordered

3.36.1.2.1 Origin of Data Element

This value comes from the OrderDate attribute of the ORDERREQUEST entity.

3.36.1.2.2 Format

This is an eight-digit value formatted MM/DD/CCYY.

3.36.1.3 Order Number

3.36.1.3.1 Origin of Data Element

This value comes from the OrderID attribute of the ORDERREQUEST entity.

3.36.1.3.2 Format

This is a ten-digit value.

3.36.1.4 Manufacturer

3.36.1.4.1 Origin of Data Element

The value will be the text description of the breastpump manufacturer from the Manufacturer table. This includes products classified as a breastfeeding item with a Sub-class of breast pump.

3.36.1.4.2 Format

The value will print as its literal value.

3.36.1.5 Brand

3.36.1.5.1 Origin of Data Element

This is the brand of the breastpump. The value will be the text description of the breastpump brand from the ManufacturerBrand table.

3.36.1.5.2 Format

The value will print as its literal value.

3.36.1.6 Breastpump Type

3.36.1.6.1 Origin of Data Element

This is the type of breastpump. The value will be the text description of the breastpump brand type from the ManufacturerBrandType table.

3.36.1.6.2 Format

The value will print as its literal value.

3.36.1.7 Subclass Use (Single or Muliple)

3.36.1.7.1 Origin of Data Element

This is the subclass use of the breastpump product. The value will be the text description from the ReferenceDictionary.Description table where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSUSE' of the sub-class use code from the Product table.

3.36.1.7.2 Format

The value will print as its literal value.

3.36.1.8 Subclass Type (Electric or Manual)

3.36.1.8.1 Origin of Data Element

This is the subclass use type of the breastpump product. The value will be the text description from the ReferenceDictionary.Description table where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSTYP' of the sub-class use code from the Product table.

3.36.1.8.2 Format

The value will print as its literal value.

3.36.1.9 Order Packaging Quantity

3.36.1.9.1 Origin of Data Element

This value comes from the OrderPackaging attribute of the ORDERPACKAGING entity. This is the quantity or individual number of items in the packaging.

3.36.1.9.2 Format

The value will print as its literal value.

3.36.1.10 Line Item Quantity Ordered

3.36.1.10.1 Origin of Data Element

This value comes from the Quantity attribute of the ORDERITEM entity.

3.36.1.10.2 Format

The value will print as its literal value.

3.36.1.11 Line Item Quantity Received

3.36.1.11.1 Origin of Data Element

This value comes from the Quantity attribute of the ORDERITEMRECEIVED entity.

3.36.1.11.2 Format

The value will print as its literal value.

3.36.1.12 Units Ordered

3.36.1.12.1 Origin of Data Element

This value is the number of individual breastpumps on order. This value is the quantity ordered multiplied by the quantity, number of items, in the line item order packaging.

OrderItem.Quantity * OrderPackaging.PackageQuantity

3.36.1.12.2 Format

The value will print as its literal value.

3.36.1.13 Units Received

3.36.1.13.1 Origin of Data Element

This value is the number of individual breastpumps that have been received. This value is the quantity received multiplied by the quantity, number of items, in the line item order packaging.

OrderItemReceived.Quantity * OrderPackaging.PackageQuantity

3.36.1.13.2 Format

This is a seven-digit value.

3.36.1.14 Units Pending Receipt

3.36.1.14.1 Origin of Data Element

This value is the number of individual breastpumps that have been ordered but not recorded as received. The value is the Units Ordered value minus the Units Received value. Cancelled orders are not considered in total.

3.36.1.14.2 Format

This is a seven-digit value.

3.36.2 Filter Criteria

3.36.2.1 Base of Data

Only outstanding orders containing multiple-use breastpump order items will print on this report.

The report will include OrderRequests meeting the following criteria:

- OrderRequest Status = either
  - o 02=Approved/Confirmed Order (Ordered)
  - o 04=Partial Receipt Pending

This will be determined by examining the Product table criteria:

- OrderItem Product
  - o Class equal to 'BF'
  - o Subclass equal to 'P'
  - o SubclassUse equal to 'M'

3.36.3 Sort Order

3.36.3.1 Order Date

This report will be sorted by the Order Date.

3.36.3.2 Order Number

This report will be sorted by the Order Number within Order Date.

3.36.3.3 Manufacturer

This report will be sorted by the Manufacturer within Clinic Site.

3.36.3.4 Manufacturer Brand

This report will be sorted by the ManufacturerBrand within Manufacturer.

3.36.3.5 Manufacturer Brand Type

This report will be sorted by the ManufacturerBrandType within ManufacturerBrand.

3.36.3.6 Subclass Use

This report will be sorted by the SubclassUse within ManufacturerBrandType.

3.36.3.7 Subclass Type

This report will be sorted by the SubclassType within SubclassUse.

3.36.4 Control Breaks

Control breaks have not been defined for this report.

3.36.5 Grand Total

Grand totals have not been defined for this report.

3.36.6 Frequency and Distribution

This report can be generated on demand.

3.37 Generate Single-use Breastpumps Pending Receipt Report

The Generate Single-use Breastpumps Pending Receipt Report dialog allows the user to select the criteria for the Single-use Breastpumps Pending Receipt Report. It is invoked when the user selects the Single-use Breastpumps Pending Receipt Report from the Generate Breastfeeding Inventory Reports dialog.
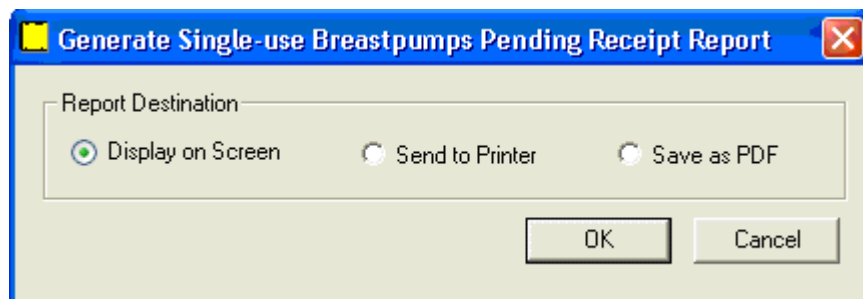

Figure 34 – Generate Single-use Breastpumps Pending Receipt Report Dialog

3.37.1 Controls

This section describes the behavior of the controls on the Generate Single-use Breastpumps Pending Receipt Report dialog.

3.37.1.1 Report Destination Radio Button Group

This group of radio buttons allows the user to select the destination for the Single-use Breastpumps Pending Receipt Report. The control will be enabled when the Generate Single-use Breastpumps Pending Receipt Report dialog is active. There will be three (3) report destinations:

- Display on Screen
- Send to Printer
- Save as PDF

The Display on Screen radio button will be the default selection. A selection is required in this control.

3.37.1.2 OK Button

This control allows the user to generate the Single-use Breastpumps Pending Receipt Report. The control will be enabled when the Generate Single-use Breastpumps Pending Receipt Report dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.37.1.3 Cancel Button

This control allows the user to exit the Generate Single-use Breastpumps Pending Receipt Report dialog. The control will be enabled when the Generate Single-use Breastpumps Pending Receipt Report dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.37.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Generate Single-use Breastpumps Pending Receipt Report dialog.

3.37.2.1 Initializing the Interface

Upon initial display of the Generate Single-use Breastpumps Pending Receipt Report dialog:

- The title bar text will be set to "Generate Single-use Breastpumps Pending Receipt Report".
- The Display on Screen radio button will be selected in the Report Destination radio button group.

3.37.2.2 Edits

Upon selection of the OK button the system will invoke a standard error message with the text "A selection is required in the {control label}" if a selection is not made in the following:

- Report Destination radio button group

If the Send to Printer radio button is selected in the Report Destination radio button group, and an other output printer has not been selected for the workstation, the system will display a standard system message box with the text "No printer has been specified for this workstation." Upon dismissal of the message box, the user is returned to the Generate Single-use Breastpumps Pending Receipt Report dialog.

3.37.2.3 Generate Single-use Breastpumps Pending Receipt Report

Upon successful completion of the edits listed above, the system will generate the Single-use Breastpumps Pending Receipt Report to the selected report destination:

- If Report Destination is Screen, the system will display the report on the screen.
- If Report Destination is Printer, the system will generate the report and send it to the selected other output printer (see System Tools).
- If Report Destination is PDF, the system will invoke the Windows "Save As" dialog. The user may select the folder and enter the file name, or cancel. Upon entering a file name and selecting the Save button, the system will save the file to the selected folder.

Once the system generates the Single-use Breastpumps Pending Receipt Report the user is returned to the Generate Breastfeeding Inventory Reports dialog.

3.37.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Generate Single-use Breastpumps Pending Receipt Report dialog and return to the Generate Breastfeeding Inventory Reports dialog.

3.38 Single-use Breastpumps Pending Receipt Report (Output)

The user may generate the Single-use Breastpumps Pending Receipt Report from the Generate Single-use Breastpumps Pending Receipt Report dialog.

The Single-use Breastpumps Pending Receipt Report is an exception report. A line will be printed for every outstanding single-use breastpump order. Outstanding single-use breastpump orders are those orders that have an order request status of either "Approved/Confirmed Order" (no receipt yet) or "Partial Receipt Pending" (only partially received).

```
                          <State Name Department of Health>                  Run Date: XX/XX/XXXX
                        Single-use Breastpumps Pending Receipt Report         Run Time:   XX:XX:XX
                                                                              Page:           XXX


                                                     Order     Line Item  Line Item                     Units
   Date    Order                                    Packaging  Quantity   Quantity   Units      Units   Pending
 Ordered   Number    Manufacturer/Brand/Type/Subclass Use-Type Quantity  Ordered    Received   Ordered  Received  Receipt
10/01/2004 00001293 Medela Harmony Manual Breastpump Single-use Manual         25        10          6      250      150      100
11/01/2004 00005001 Ameda One Hand Breastpump Single-use Manual                30         5          3      150       90       60
11/16/2004 00005023 Medela Single Deluxe Breastpump Single-use Electric        25        10          4      250      100      150


            *** End of Listing ***
```

3.38.1 Data Elements

3.38.1.1 Report Title

The title of the report will be the page heading of all reports. The subtitle of the report will be the text "Single-use Breastpumps Pending Receipt Report".

3.38.1.1.1 Origin of Data Elements

The title of the report will be the value of the ReportHeading business rule.

3.38.1.1.2 Format

The values will print as their literal values.

3.38.1.2 Date Ordered

3.38.1.2.1 Origin of Data Element

This value comes from the OrderDate attribute of the ORDERREQUEST entity.

3.38.1.2.2 Format

This is an eight-digit value formatted MM/DD/CCYY.

3.38.1.3 Order Number

3.38.1.3.1 Origin of Data Element

This value comes from the OrderID attribute of the ORDERREQUEST entity.

3.38.1.3.2 Format

This is a ten-digit value.

3.38.1.4 Manufacturer

3.38.1.4.1 Origin of Data Element

The value will be the text description of the breastpump manufacturer from the Manufacturer table. This includes products classified as a breastfeeding item with a Sub-class of breast pump.

3.38.1.4.2 Format

The value will print as its literal value.

3.38.1.5 Brand

3.38.1.5.1 Origin of Data Element

This is the brand of the breastpump. The value will be the text description of the breastpump brand from the ManufacturerBrand table.

3.38.1.5.2 Format

The value will print as its literal value.

3.38.1.6 Breastpump Type

3.38.1.6.1 Origin of Data Element

This is the type of breastpump. The value will be the text description of the breastpump brand type from the ManufacturerBrandType table.

3.38.1.6.2 Format

The value will print as its literal value.

3.38.1.7 Subclass Use (Single or Muliple)

3.38.1.7.1 Origin of Data Element

This is the subclass use of the breastpump product. The value will be the text description from the ReferenceDictionary.Description table where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSUSE' of the sub-class use code from the Product table.

3.38.1.7.2 Format

The value will print as its literal value.

3.38.1.8 Subclass Type (Electric or Manual)

3.38.1.8.1 Origin of Data Element

This is the subclass use type of the breastpump product. The value will be the text description from the ReferenceDictionary.Description table where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSTYP' of the sub-class use code from the Product table.

3.38.1.8.2 Format

The value will print as its literal value.

3.38.1.9 Order Packaging Quantity

3.38.1.9.1 Origin of Data Element

This value comes from the OrderPackaging attribute of the ORDERPACKAGING entity. This is the quantity or individual number of items in the packaging.

3.38.1.9.2 Format

The value will print as its literal value.

3.38.1.10 Line Item Quantity Ordered

3.38.1.10.1 Origin of Data Element

This value comes from the Quantity attribute of the ORDERITEM entity.

3.38.1.10.2 Format

The value will print as its literal value.

3.38.1.11 Line Item Quantity Received

3.38.1.11.1 Origin of Data Element

This value comes from the Quantity attribute of the ORDERITEMRECEIVED entity.

3.38.1.12 Units Ordered

3.38.1.12.1 Origin of Data Element

This value is the number of individual breastpumps on order. This value is the quantity ordered multiplied by the quantity, number of items, in the line item order packaging.

OrderItem.Quantity * OrderPackaging.PackageQuantity

3.38.1.12.2 Format

The value will print as its literal value.

3.38.1.13 Units Received

3.38.1.13.1 Origin of Data Element

This value is the number of individual breastpumps that have been received. This value is the quantity received multiplied by the quantity, number of items, in the line item order packaging.

OrderItemReceived.Quantity * OrderPackaging.PackageQuantity

3.38.1.13.2 Format

This is a seven-digit value.

3.38.1.14 Units Pending Receipt

3.38.1.14.1 Origin of Data Element

This value is the number of individual breastpumps that have been ordered but not recorded as received. Cancelled orders are not considered in total. The value is the Items Ordered value minus the Items Received value.

3.38.1.14.2 Format

This is a seven-digit value.

3.38.2 Filter Criteria

3.38.2.1 Base of Data

Only outstanding single-use breastpump orders will print on this report. The report will include OrderRequests meeting the following criteria:

- OrderRequest Status = either
  - 02=Approved/Confirmed Order (Ordered)
  - 04=Partial Receipt Pending
- OrderItem Product
  - Class equal to 'BF'
  - Subclass equal to 'P'
  - SubclassUse equal to 'S'

3.38.3 Sort Order

3.38.3.1 Order Date

This report will be sorted by the Order Date within Agency.

3.38.3.2 Order Number

This report will be sorted by the Order Number within Order Date.

3.38.3.3 Manufacturer

This report will be sorted by the Manufacturer within Clinic Site.

3.38.3.4 Manufacturer Brand

This report will be sorted by the ManufacturerBrand within Manufacturer.

3.38.3.5 Manufacturer Brand Type

This report will be sorted by the ManufacturerBrandType within ManufacturerBrand.

3.38.3.6 Subclass Use

This report will be sorted by the SubclassUse within ManufacturerBrandType.

3.38.3.7 Subclass Type

This report will be sorted by the SubclassType within SubclassUse.

3.38.4 Control Breaks

Control breaks have not been defined for this report.

3.38.5 Grand Total

Grand totals have not been defined for this report.

3.38.6 Frequency and Distribution

This report can be generated on demand.

3.39 Generate Multiple-use Breastpump Detail Listing

The Generate Multiple-use Breastpump Detail Listing dialog allows the user to select the criteria for the Multiple-use Breastpump Detail Listing. It is invoked when the user selects the Multiple-use Breastpump Detail Listing from the Generate Breastfeeding Inventory Reports dialog.
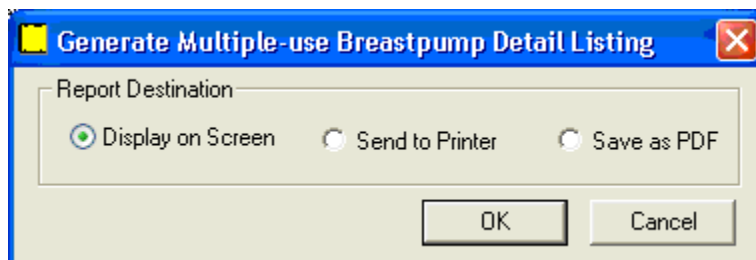

Figure 35 – Generate Multiple-use Breastpump Detail Listing Dialog

3.39.1 Controls

This section describes the behavior of the controls on the Generate Multiple-use Breastpump Detail Listing dialog.

3.39.1.1 Report Destination Radio Button Group

This group of radio buttons allows the user to select the destination for the Multiple-use Breastpump Detail Listing. The control will be enabled when the Generate Multiple-use Breastpump Detail Listing dialog is active. There will be three (3) report destinations:

- Display on Screen
- Send to Printer
- Save as PDF

The Display on Screen radio button will be the default selection. A selection is required in this control.

3.39.1.2 OK Button

This control allows the user to generate the Multiple-use Breastpump Detail Listing. The control will be enabled when the Generate Multiple-use Breastpump Detail Listing dialog is active. Characteristics for the OK button are defined in *Consistencies*.

3.39.1.3 Cancel Button

This control allows the user to exit the Generate Multiple-use Breastpump Detail Listing dialog. The control will be enabled when the Generate Multiple-use Breastpump Detail Listing dialog is active. Characteristics for the Cancel button are defined in *Consistencies*.

3.39.2 Processes

This section describes the processes (navigation) that take place as a result of the actions taken on the Generate Multiple-use Breastpump Detail Listing dialog.

3.39.2.1 Initializing the Interface

Upon initial display of the Generate Multiple-use Breastpump Detail Listing dialog:

- The title bar text will be set to "Generate Multiple-use Breastpump Detail Listing".
- The Display on Screen radio button will be selected in the Report Destination radio button group.

3.39.2.2 Edits

Upon selection of the OK button:
If a selection is not made in the Report Destination radio button group, the system will invoke a standard error message with the text "A selection is required in the {control label}"

If the Send to Printer radio button is selected in the Report Destination radio button group, and default printer has not been selected for the workstation, the system will display a standard system message box with the text "No default printer has been specified for this workstation." Upon dismissal of the message box, the user is returned to the Generate Ordered Breastpumps Pending Receipt Report dialog.

3.39.2.3 Generate Multiple-use Breastpump Detail Listing

Upon successful completion of the edits listed above, the system will generate the Multiple-use Breastpump Detail Listing to the selected report destination:

- If Report Destination is Screen, the system will display the report on the screen.
- If Report Destination is Printer, the system will generate the report and send it to the selected other output printer (see System Tools).
- If Report Destination is PDF, the system will invoke the Windows "Save As" dialog. The user may select the folder and enter the file name, or cancel. Upon entering a file name and selecting Save, the system will save the file to the selected folder.

Once the system generates the Multiple-use Breastpump Detail Listing the user is returned to the Generate Breastfeeding Inventory Reports dialog.

3.39.2.4 Cancel

Upon selection of the Cancel button, the system will dismiss the Generate Multiple-use Breastpump Detail Listing dialog and return to the Generate Breastfeeding Inventory Reports dialog.

3.40 Multiple-use Breastpump Detail Listing (Output)

The user may generate the Multiple-use Breastpump Detail Listing from the Generate Multiple-use Breastpump Detail Listing dialog. This report lists each multiple-use breastpump that is in the agency and clinic inventory.

```
                                    <State Name Department of Health>                    Run Date: XX/XX/XXXX
                                    Multiple-use Breastpump Detail Listing               Run Time:   XX:XX:XX
                                                                                         Page:          XXX


Agency: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Clinic: XXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

                    Breastpump Manufacturer/
ID                  Brand/Type/Subclass Use-Type    Status
11122233344455039209 Ameda Nuture III                Consigned
                     Breastpump Multiple-use Electric

11122233344455039210 Ameda Nuture III                Loaned: Breastfeeding Room
                     Breastpump Multiple-use Electric

11122233344455039211 Ameda Nuture III                Issued to participant Russell, Mary H.  12956 Fairlane, Indianapolis IN 46800-0111
                     Breastpump Multiple-use Electric         219-555-6388

11122233344455039212 Ameda Nuture III                Consigned
                     Breastpump Multiple-use Electric

11122233344455039213 Ameda Nuture III                Returned - Handle was chipped leaving a sharp edge.
                     Breastpump Multiple-use Electric


          *** End of Listing ***
```

3.40.1 Data Elements

3.40.1.1 Report Title

The title of the report will be the page heading of all reports. The subtitle of the report will be the text "Multiple-use Breastpump Detail Listing".

3.40.1.1.1 Origin of Data Elements

The title of the report will be the value of the ReportHeading business rule.

3.40.1.1.2 Format

The values will print as their literal values.

3.40.1.2 Agency

3.40.1.2.1 Origin of Data Element

This value comes from the AgencyID and Name attributes of the AGENCY entity.

3.40.1.2.2 Format

The values will print as their literal values.

3.40.1.3 Clinic

3.40.1.3.1 Origin of Data Element

This value comes from the ServiceSiteID and Name attributes of the ServiceSite entity.

3.40.1.3.2 Format

The values will print as their literal values.

3.40.1.4 ID

3.40.1.4.1 Origin of Data Element

The value will be taken from the InventoryItem table SerialNbr.

3.40.1.4.2 Format

The value will print in its literal value.

3.40.1.5 Manufacturer

3.40.1.5.1 Origin of Data Element

The value will be the text description of the breastpump manufacturer from the Manufacturer table. This includes products classified as a breastfeeding item with a Sub-class of breast pump.

3.40.1.5.2 Format

The value will print as its literal value.

3.40.1.6 Brand

3.40.1.6.1 Origin of Data Element

This is the brand of the breastpump. The value will be the text description of the breastpump brand from the ManufacturerBrand table.

3.40.1.6.2 Format

The value will print as its literal value.

3.40.1.7 Breastpump Type

3.40.1.7.1 Origin of Data Element

This is the type of breastpump. The value will be the text description of the breastpump brand type from the ManufacturerBrandType table.

3.40.1.7.2 Format

The value will print as its literal value.

3.40.1.8 Subclass Use (Single or Muliple)

3.40.1.8.1 Origin of Data Element

This is the subclass use of the breastpump product. The value will be the text description from the ReferenceDictionary.Description table where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSUSE' of the sub-class use code from the Product table.

3.40.1.8.2 Format

The value will print as its literal value.

3.40.1.9 Subclass Type (Electric or Manual)

3.40.1.9.1 Origin of Data Element

This is the subclass use type of the breastpump product. The value will be the text description from the ReferenceDictionary.Description table where the ReferenceDictionary.Category = 'INVPDCTSUBCLASSTYP' of the sub-class use code from the Product table.

3.40.1.9.2 Format

The value will print as its literal value.

3.40.1.10 Status

3.40.1.10.1 Origin of Data Element

The source of the value depends upon the status of the breastpump as described in the following table:

Status: The value will print the ReferenceDictionary.Description where the ReferenceDictionary.Category = 'INVITEMSTATUS'.

Status	Source
Available	SerialNbr found in the InventoryItem table having a status of Null.
Loaned	SerialNbr found in the InventoryItem table having a status of loaned and a Loaned Location. The item is consigned to a location in the InventoryLocation table. The inventory location may be any location such as a warehouse, a clinic, or more detailed such as a warehouse/bin. If the LocationID in the InventoryLocation table is valued, append the name from the ServiceSite table to the status description, otherwise append the Name from the InventoryLocation table
Consigned	SerialNbr found in the InventoryItem table having a status of consigned. The item is consigned to a location in the InventoryLocation table. The inventory location may be any location such as a warehouse, a clinic, or more detailed such as a warehouse/bin, clinic/Bf Room. If the LocationID in the InventoryLocation table is valued, append the name from the ServiceSite table to the status description, otherwise append the Name from the

Status	Source
	InventoryLocation table
Issued	SerialNbr found in the InventoryItem table having a status of issued with an entry in the InventoryIssued table having a null return date. The entry in the Customer table will identify who the item is issued to, such as a specific participant or a breastfeeding counselor in the WIC system. If the StateWicID in the InventoryLocation table is valued, append the name from the ServiceSite table to the status description. Otherwise, append the Name from the InventoryLocation table to the status description.
Returned to Mfr	SerialNbr found in the InventoryItem table having a status of returned/retired with an entry in the InventoryReturnedItem table having a valid return date. Append the ReturnedDate and Notes from the InventoryReturnedItem table to the status description.

3.40.2 Filter Criteria

3.40.2.1 Base of Data

Only breastpumps that have been assigned IDs will print on this report. This will be determined by examining the InventoryItem table.

3.40.2.2 Breastpump Type(s)

The breastpump inventory information for the user-specified breastpump type(s) is included on the report.

This will be determined by examining the Product table criteria:

- Class equal to 'BF'
- Subclass equal to 'P'
- SubclassUse equal to 'M'
- SubclassType equal to 'M' or 'E'

3.40.3 Sort Order

3.40.3.1 Agency

This report will be sorted first by Agency.

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3.40.3.2 Clinic

This report will be sorted by the ClinicID within Agency.

3.40.3.3 ID

This report will be sorted by the SerialNbr within ClinicID.

3.40.4 Control Breaks

3.40.4.1 Agency

A page break will occur on change in Agency.

3.40.4.2 Clinic

A page break will occur on change in Clinic.

3.40.5 Grand Total

Grand totals have not been defined for this report.

3.40.6 Frequency and Distribution

This report can be generated on demand.

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